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GEO. B. HASKELL CO.,
LEWISTON — MAINE.

1908



SEED MERCHANTS,
WOODENWARE,
AGRICULTURAL IMPLEMENTS,
DAIRY SUPPLIES,
FERTILIZERS.

Season of 1908



It is our pleasure to again extend greetings and wish you all a prosperous year and to express our deep appreciation for the kind and loyal support given us this past season by all our patrons and friends. By means of this support we have been able to branch out in all departments of our business but more particularly in our Implement and Seed lines. Here the ever increasing demand for high grade modern machinery has enabled us to place upon the market several lines of implements which will be to the greatest advantage of every live farmer.

The Deere & Co. and Deere & Mansur Co., implements, and the various other lines, gives us the most complete assortment carried by any implement house in the State. And further; the past season has seen the consummation of a business connection with the Haskell Implement & Seed Co., of Boston, Mass. This is of inestimable value to our patrons as we have a large and completely stocked store to draw upon at any time. This means time saved, lower freights, and a hundred and one conveniences which we gladly give for the benefit of our customers.

We shall maintain the same high grade quality in our Seed Department and use the same diligent care in selecting and shipping to our customers as in former years and can supply promptly varieties not formerly carried. While we do not warrant, we use every precaution to guard against impure and sterile seeds.

Our Department Heads are all experienced men, capable and willing to give all possible information.

Our Mail Order Department is complete and prompt, careful attention is given at once to all inquiries.

We always appreciate a visit at our store and are always glad to give you any information possible about our various lines and to give you the benefit of the lessons we have learned by experience.

And we trust that the same amicable relations with you all may be maintained in the future as in the past.

GEO. B. HASKELL CO. : 200 Main St. : Lewiston, Me.

Descriptive List of **FLOWER SEEDS** for 1908

Postage Prepaid on all Flower Seeds in packets at Prices Quoted

SPECIAL INDUCEMENTS

When the money accompanies the order, purchasers of Seeds in packets at catalogue prices may select *25 cents' worth extra packets for each \$1.00 sent.* Thus any one enclosing \$1.00 may order seeds in packets amounting to \$1.25. \$2.00 sent to us with the order will pay for seeds in packets amounting to \$2.50, and so on. This offer does *not* include seeds in collections, by weight or measure, bulbs, plants or anything excepting seeds in packets.

Plants are generally known and described as Annuals, Biennials, and Perennials. The term annual is applied to plants which flower and ripen their seeds the same season. Hardy annuals are those which may be sown in the open ground. Half hardy annuals are those which should be started in the house and transplanted to the garden. The term biennial is applied to plants which flower the second season after planting and then perish. The term perennial is applied to plants which flower the second season after planting, and continue to flower year after year.

ACROLINIUM.

This interesting annual is one of the most valuable and beautiful Everlasting flowers. For winter bouquets the flowers should be cut before fully expanded.

Flore Pleno. Double pink, Pkt., .05c.

Flore Albo. Double white, Pkt., .05c.

ADONIS.

Showy, popular border flowers, remaining a long time in bloom.

Aestivalis. "Flos Adonis." Flowers scarlet. Hardy annual. 1 ft. Pkt., .05c.

AGERATUM.

Highly prized for bedding out, and valuable for winter blooming indoors, Half-hardy annual.

Little Dorrit. Lovely azure blue shade, very free blooming, excellent dwarf variety for bedding, 6 in. Pkt., .05c.

ALYSSUM.

Very hardy, free blooming dwarf plants, all the varieties growing freely in common soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden.

Alyssum. Sweet. White, free blooming, fragrant. Hardy annual. 6 in. Pkt., .05c.
Yellow. Pkt. .05c.

AMARANTHUS.

Ornamental foliage. Very striking and effective decorative plants. Sow early, and set out young plants early in June. Annual.

Tricolor. Mixed. Carmine scarlet. Splendid variety. 4 to 5 ft. Pkt., .05c.

AMPELOPSIS—(Quimquefolia.)

See Virginia Creeper.

AMPELOPSIS—(Veitchii.)

See Boston Ivy.

Asters = = Tall Varieties

SEMPLER BRANCHING.

A superior and free flowering class. The flowers are large with graceful wavy petals on long stem. Excellent for cutting. Height 3 ft.

Pink,	Pkt., .10c.
White,	Pkt., .10c.
Lavender,	Pkt., .10c.
Crimson,	Pkt., .10c.
Purple,	Pkt., .10c.
Mixed,	Pkt., .10c.

AMERICAN BRANCHING.

A free growing Aster of robust, erect habit, producing large, feathery blossoms resembling Japanese Chrysanthemums. One of the finest for cutting. Height 3 ft.

Mixed,	Pkt., .05c.
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NEW GIANT COMET.

Flowers of this new variety are of the same size as Giant Comet, but the plant is of a pyramidal, branching habit, thus rendering it more floriferous.

Mixed,	Pkt., .10c.
White,	Pkt., .10c.
Rose Pink,	Pkt., .10c.
Crimson,	Pkt., .10c.
Lavender,	Pkt., .10c.
Purple,	Pkt., .10c.



Peony Flowered Aster

PEONY FLOWERED PERFECTION.

The finest form of incurved Aster, splendid for exhibition and popular for both florists' and private use. The plants are about two feet in height, with flowers usually four inches across, very double, and of fine globular form.

White,	Pkt., .10c.
Lilac,	Pkt., .10c.
Blood Red,	Pkt., .10c.
Bright Red,	Pkt., .10c.
Dark Blue,	Pkt., .10c.
Light Blue and White,	Pkt., .10c.
Mixed,	Pkt., .10c.

Asters = = Dwarf Varieties

CHRYSANTHEMUM.

Snow White,	Pkt., .10c.
Dark Crimson,	Pkt., .10c.
Coppery Purple,	Pkt., .10c.
Mixed,	Pkt., .10c.

VICTORIA.

A recently improved strain in which the petals curve outward, overlapping like those of the double dahlia. Plants about eighteen inches high and very free flowering; flowers of unusually attractive form and brilliant color. Good for pot culture.

White, clear white, one of the most useful,	Pkt., .10c.
Mixed,	Pkt., .10c.



Dwarf Asters

ALL SORTS.

Finest Mixed,	Pkt., .10c.
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QUEEN OF THE MARKET.

Two or three weeks earlier than the earliest kinds; of branching habit. Fine for cutting or bunching.

White,	Pkt., .05c.
Crimson,	Pkt., .05c.
Light Pink,	Pkt., .05c.
Light Blue,	Pkt., .05c.
Deep Dark Red,	Pkt., .05c.
Lavender,	Pkt., .05c.
Mixed,	Pkt., .05c.

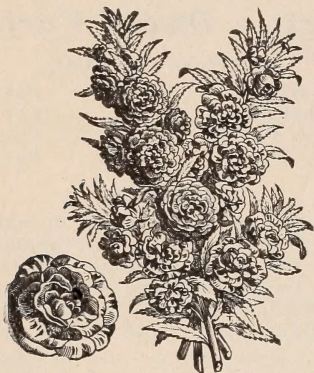
ANTIRRHINUM—(Snapdragon.)

Beautiful, hardy, free blooming plants for summer and fall. Annuals.

Tall. Finest mixed. Self colored and striped sorts. 2 ft.	Pkt., .05c.
White,	Pkt., .05c.
Lilac,	Pkt., .05c.
Yellow,	Pkt., .05c.
Crimson,	Pkt., .05c.

BALSAM.

Beautiful plants for the summer garden. Of fine pyramidal form, thickly studded with large flowers of rich shades. They should be started early in heat and transplanted. We offer the finest strains in cultivation. Annuals.



Double Finest Mixed, Pkt., .05c.

BACHELOR'S BUTTON.

See Centaurea.

BELLIS—(Perennis flore Pleno.)

Double Daisy. A favorite spring-flowering perennial, producing charming effects when planted with Pansies, Forget-Me-Nots or Silene. They are easily raised from seed, flowering in autumn if sown in spring, although it is better to sow in July or August in cold frames and plant them out the following April.

Longfellow. Dark rose,	Pkt., .05c.
Snowball. White,	Pkt., .05c.
Mixed,	Pkt., .05c.
California Daisy,	Pkt., .05c.

BOSTON OR JAPANESE IVY.

Handsome, well known decorative Ivy.
35 to 50 ft. Pkt., .05c.

BROWALLIA.

Elegant, free flowering, half-hardy annuals for house or garden; growing about eighteen inches in height, with Verbena-like flowers; excellent for cutting. Seeds started in July will give fine plants for winter blooming in the greenhouse for which they are valuable. For summer blooming they may be sown under glass in March, or in the open ground in May.

Fine Mixed, Pkt., .05c.

BUTTERFLY FLOWER.

See Schizanthus.

CALIFORNIA POPPY.

See Eschscholtzia.

CALENDULA—(Marigold.)

Vigorous, hardy, free-flowering annuals, with large, flat, double flowers; valuable for growing in light soils, or dry situations. They are useful as cut flowers, and are frequently grown under glass during winter for cutting. 1 ft.

Meteor. Double orange yellow striped with primrose,	Pkt., .05c.
Prince of Orange,	Pkt., .05c.
Double Mixed,	Pkt., .05c.

CALLIOPSIS OR COREOPSIS—(Perennial Varieties.)

These frequently bloom the first year from seed sown in the spring; it is more satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during the winter. They will flower profusely the following summer. Height, 2 ft.

Mixed, Pkt., .05c.

CARNATIONS—(Marguerite.)

The earliest of all Carnations, blooming in July or August if sown in spring and continuing till frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during winter and they will flower profusely the next summer, or they may be potted to bloom during winter in the house. The flowers are large, about eighty per cent. usually coming double; beautifully fringed, and clover scented.



Carnations Marguerite

Giant White,	Pkt., .10c.
Giant Rose,	Pkt., .10c.
Giant Red,	Pkt., .10c.
Giant Yellow,	Pkt., .10c.
Giant Violet,	Pkt., .10c.
Giant Mixed,	Pkt., .10c.

CHABAUD PERPETUAL.

This race is the result of hybridizing the Marguerite Carnation with the French "Remontant." It is about two weeks later than the Marguerite, producing splendid double flowers continuously.

Finest Mixed, Pkt., .15c.

CASTOR OIL PLANT.

See Ricinius.

CELOSIA OR COXCOMB.

Showy annuals of easy cultivation; producing large, brilliant, comb-like flower heads. They prefer a light soil, and should not be allowed to become crowded if a dwarf habit is desired.

Mixed, Pkt., .05c.

CHINESE PINKS.

See Dianthus.

CHINESE PRIMROSE.

See Primula Chinensis.

CHRYSANTHEMUM—(Annual Varieties.)

Showy, hardy annuals of easiest cultivation and blooming early in summer. They are most desirable for seashore and mountain gardens. Height, 2 ft.

Double Yellow, Pkt., .05c.

Double White, Pkt., .05c.

Double Mixed, Pkt., .05c.

**CENTAUREA—(Flowering Annuals. Imperialis.)**

Giant Corn Flower. The flowers are of enormous size; fragrant, and of the most charming colors, including white, pink, lilac, rose and purple. They are among our best summer flowers for cutting.

Marguerite. White, Pkt., .05c.

Cyanus. (Bachelor's Button.) Mixed. Pkt., .05c.

CANDYTUFT—(Iberis.)

Showy hardy annuals, growing about a foot in height. Excellent for bouquets.

Empress. White, Pkt., .05c.

Lilacina. Lilac, Pkt., .05c.

Carmine, Pkt., .05c.

Mixed, Pkt., .05c.

CANNA—(Indian Shot.)

The luxuriant foliage and superb flower of the Cannas, especially of the new French and Italian races, easily places them foremost among our sub-tropical bedding plants.

Crozy's Newest Mixture, Pkt., .10c.

Nigricans. Dark red foliage, Pkt., .05c.

COBOEA SCANDENS.

A fine, rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful, deep violet-blue. A well established plant will run about thirty feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial, Pkt., .05c.

CONVOLVULUS MAJOR.

Tall Morning Glory.

Finest Mixed, Pkt., .05c.

CONVOLVULUS MINOR.

Dwarf Morning Glory.

Finest Mixed, Pkt., .05c.

Japanese Morning Glory, Pkt., .05c.

COXCOMB.

See Celosia.

Cypress Vine—(Ipomoea Quamoclit.)

Very graceful twining annuals with feathery dark green foliage and star like flowers. Twenty feet.

Scarlet, Pkt., .05c.

DAHLIA.

This popular flower can be easily raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during the winter.

Hybrida Pleno' Fine Double Mixed, Pkt., .10c.

Single Mixed, Pkt., .05c.

DAISY.

See Bellis.

**DIANTHUS BARBATUS.**

See Sweet William.

DIANTHUS.

See also Carnations.

Chinese Mixed, Pkt., .10c.**Heddewigii Mixed.** For outdoor culture, Pkt., .10c.**ESCHSCHOLTZIA—(California Poppy.)**

The bright colors, long duration and dwarf habit of these free-blooming hardy annuals admirably adapt them for massing and border planting. Height, 1 ft.

Californica. Yellow, orange center, Pkt., .05c.**Californica Alba.** White, Pkt., .05c.**Mixed,** Pkt., .05c.**EVERLASTING FLOWER.**

See Helechrysum.

FLOWERING SAGE.

See Salvia.

FORGET-ME-NOT.

See Myosotis.

GIANT CORN FLOWER.

See Centaurea.

GOURDS.

Luxuriant climbing annuals, useful in covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors. 10 to 15 ft.

Mixed, Pkt., .05c.**GYPSOPHILA.—(Infant's Breath.)**

Free flowering, hardy plants; extremely light and graceful, easy of cultivation, and most useful for bouquet and cut-flower work. Height, 18 inches.

Mixed, Pkt., .05c.**GILLIFLOWER.**

See Stock.

HEARTSEASE.

See Pansy.

HELIANTHUS—(Sunflower.)

The large varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet Salvia, Cannas and other tall bedding plants, besides being excellent for cutting. Hardy annuals.

Diadem (New). Flowers beautiful light lemon with black centers; of the greatest value for cut flowers, Pkt., .05c.

Double Mixed, Pkt., .05c.

Helichrysum

HELICHRYSUM—(Everlasting Flower.)

Showy annuals for beds or borders; useful as dried flowers for winter bouquets, for which use the blooms should be cut before they are fully open, and hung up to dry with the flowers downward if stiff stems are desired. Height, 2 ft.

Double Mixed, Pkt., .05c.**HOLLYHOCK.**

This ever popular hardy favorite of our gardens has few rivals in majestic grandeur. The flowers have been improved in size, the fullness of the double sorts increased, and new shades obtained by hybridization and selection. The seeds we offer are saved from plants representing the highest advancement in each class. Hollyhocks succeed best in rich, well-drained soil. They should be lightly protected during winter with pine boughs, coarse straw or other mulch not liable to rot. Seeds sown in July produce fine plants for blooming the following summer. Hardy biennials; 6 to 8 ft.

Chaters Strain. Double finest mixed, Pkt., .10c.

HELIOTROPE.

Delightfully fragrant greenhouse perennial; excellent for bedding or indoor cultivation and particularly useful for cutting.

Giant. Newest large flowering varieties mixed, Pkt., .10c.

Fine Mixed, Pkt., .05c.

HUMULUS JAPONICA—(Japanese Hop.)

Splendid annual climber of fast growth and very ornamental. 12 ft. Pkt., .05c.

HYACINTH BEAN.

Tender, climbing annual, producing clusters of brilliant flowers, Pkt., .05c.

INDIAN SHOT.

See Canna.

INFANT'S BREATH.

See Gypsophila.

JAPANESE HOP.

See Humulus Japonica.

JAPANESE MORNING GLORY.

See Convolvulus.

LARKSPUR.

Splendid hardy annuals with showy flowers borne on long spikes; white, lilac, and all shades of blue; excellent for cutting. Height, 18 inches.

Double Tall. Branching or stock flowerer mixed, Pkt., .05c.

LAVENDER.

Ornamental hardy perennial, bearing long spikes of very fragrant blue flowers. 18 inches. Pkt., .05c.

LOBELIA.

The *Erinus* varieties are most valuable for edgings, hanging baskets and vases, blooming profusely from June till frost. *Lobelia Cardinalis* and its varieties are among our most brilliant autumn flowering perennials.

Crystal Palace Compacta. The darkest, Pkt., .05c.

Mixed Varieties, Pkt., .05c.

LOVE-LIES-BLEEDING.

See *Amaranthus Caudatus*.

MESEMBRYANTHEMUM.

Beautiful trailing annuals, useful for rockeries, edgings, and vases; particularly adapted to dry or sunny situations.

Tricolor. Flowers bright rose, white and purple, Pkt., .05c.

MARIGOLD—(Tagetes.)

See *Calendula*. These handsome half-hardy annuals when well grown cannot be surpassed either in mixed borders or when grouped together. They succeed best in moderately rich soil and in open situations, and are strongly recommended where a gorgeous display in the autumn is an essential feature.

African. Double tall mixed, Pkt., .05c.

French. Double tall mixed, Pkt., .05c.

African. Double tall yellow, Pkt., .05c.

African. Double pale yellow, Pkt., .05c.



Mignonette

MIGNONETTE—(Reseda Odorata.)

The most fragrant annual, prized as much for forcing in winter as for the summer garden. The seed should be sown early and the plants as they grow, thinned sufficiently to allow them to branch. The beds should be liberally watered during dry weather.

Machet. The plants are dwarf and vigorous, of pyramidal growth; they throw up numerous long broad spikes of deliciously scented red flowers; entirely distinct, Pkt., .05c.

Parson's White. Large spikes of bloom; the stamens of the florets are pure white and very fragrant, Pkt., .05c.

Bird's Mammoth. Very robust. Long spikes, Pkt., .10c.

MORNING GLORY.

See *Convolvulus*.

MYOSOTIS—(Forget-Me-Not.)

Dwarf, half-hardy perennials, bearing a profusion of little, star-shaped flowers. They thrive best in rather moist shady situations. Most of them will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming. They are very beautiful when planted in combination with late spring bulbs, Daisies, Arabis or Golden Alyssum.

Palustris. True Forget-Me-Not. Dark blue, very beautiful; profuse flowering,
Pkt., .10c.

***Nasturtiums - - Dwarf
Varieties*****TOM THUMB OR DWARF.**

These hardy annuals are of easiest cultivation; succeeding best in rather light soil, withstanding heat and drought and flowering profusely from June or July until cut down by severe frosts usually well into November. The dark leaved varieties are particularly adapted for ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy red foliage. Height, 1 ft.



Nasturtiums

Haskell's Finest Mixed. Our special mixture of the finest sorts, in great variety of color.

Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .25c.

***Nasturtiums - - Tall
Varieties*****Haskell's Finest Mixed,**

Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .25c.

NICOTIANA

Splendid annual producing clusters of long, white, tube-shaped flowers, fragrant towards evening. Height 3 ft., Pkt. .05c.

Colossea.—Magnificent foliage plant, the young leaves at first tinted with red. It soon attains a height of five or six feet, with leaves often two feet in length, and a foot in width. Excellent for foliage beds,
Pkt. .10c.

Sylvestris.—Magnificent foliage plant, the glaucous leaves and large pendants. pure white, tube-shaped flowers; a very stately plant,
Pkt. .05c.



Pansy Giant.

PANSY, OR HEARTSEASE.

Too much importance cannot be attached to the culture of these beautiful plants, flowering as they do in great abundance for several months. When sown in the early spring a good display in most cases can be had in the following fall, but the best results are not obtained by so doing. To obtain fine blooms it is better to sow during summer and transplant the seedlings into cold frames in September, protecting during the winter with mats or shutters. Pansies delight in a cool, moist, well-drained soil, enriched with decomposed barnyard manure. They should never be allowed to suffer for want of water.



Pansy

Giant White.	Dark Center,	Pkt., .10c.
Giant Black.	Velvety jet Black,	Pkt., .10c.
Giant Blue,		Pkt., .10c.
Giant Yellow.	Dark Center,	Pkt., .10c.
Giant Purple,		Pkt., .10c.
Giant Mixed,		Pkt., .10c.
Mixed,		Pkt., .05c.
Giant Double Fringed Mixed,		Pkt., .15c.

PAPAVER, OR POPPY.

Annual varieties. Showy hardy annual of easiest cultivation and embracing many rich and beautiful colors. The seed should be sown early in spring where intended to bloom.

Shirley.—Finest mixed. A most charming race of single Poppies with shining flowers of silky texture, varying in color from pure white and delicate pink to rosy carmine and deep crimson; many of them being beautifully striped and edged with white. The blooms if cut when young will keep in water for two or three days. Height, 2 ft., Pkt., .05c.

White Swan,	Pkt., .10c.
Double Mixed,	Pkt., .05c.
Oriental Deep Crimson,	Pkt., .05c.

**PETUNIA.**

The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost and is one of the most showy and free-growing annuals. Height, 12 to 15 inches.

SINGLE FLOWERING PETUNIAS.

Hybrida.	Finest mixed,	Pkt., .10c.
Fimbriata.	Fringed. Single	mixed,
		Pkt., .15c.

DOUBLE FLOWERING PETUNIAS.

Double Fringed.	Extra large,	Pkt., .20c.
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PHLOX DRUMMONDI.

This is one of the finest annuals, being hardy, easy of cultivation and making as a summer bedding plant an effective and brilliant display. The flowers are of long duration and of most gorgeous and varied colors. Height, 1 ft.

Finest Mixed.	Splendid colors,	
		Pkt., .05c.

Grandiflora Finest Mixed. The flowers are of large size, finely rounded form, and with well defined eyes. The colors are superb, Pkt., .10c.

PINKS.

See Carnations.

PORTULACA.

Charming dwarf annuals for sunny situations or light soils, producing flowers of most brilliant colors in great profusion. Height, 6 inches.

Grandiflora Plenissima.	Double mixed,	
		Pkt., .10c.

Grandiflora.	Fine Single mixed,	
		Pkt., .05c.

POPPY (California.)

See Eschscholtzia.

POPPY.

See Papaver.

PRIMULA CHINENSIS (Chinese Primrose.)

Most useful plants for conservatory and house decoration during winter and spring. They are of easy culture, although considerable care is necessary to secure successful germination of the choice sorts; the finer the flowers of a strain, the weaker its germinations. The most important condition is to keep the soil steadily and evenly moist without disturbing the seeds, which should be very lightly covered, until their germination.

Extra Fine Single.	Mixed,	Pkt., .10c.
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Extra Fine Double.	Mixed,	Pkt., .20c.
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SALPIGLOSSIS.

Half-hardy annuals; elegant late summer flowering plants of great diversity in color; beautifully penciled in rich tints of yellow, purple, and brownish red. Of easy culture.

Grandiflora.	Finest mixed,	Pkt., .10c.
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RHONDANTHE.

Half-hardy annuals with "Everlasting" flowers. They are beautiful for the open garden, or grown in pots for the conservatory. If required for winter use, as dried flowers, they should be cut before they are fully expanded. Height, 1 ft.

Alba. Pure white,	Pkt., .05c.
Fine Mixed,	Pkt., .05c.

RICINUS (Castor Oil Plant.)

Tender annuals of rapid and gigantic growth, producing enormous dark green or bronze-colored palmate leaves; excellent for sub-tropical beds, or for massive foliage effects on lawns or backgrounds.

Zanzibariensis. Mixed. A new and distinct race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. Height, 15 ft., Pkt., .05c.

SALVIA (Flowering Sage.)

Very ornamental; flowers borne in spikes of fiery red, crimson or blue, and continue in bloom in open ground until after severe frosts. Start in heat and transplant into light soil one to two feet apart. Tender perennials, but bloom the first season. Height, 2 ft. to 3 ft.

Splendens. Brilliant scarlet,	Pkt., .10c.
Coccinea. Fine Mixed,	Pkt., .05c.

SCHIZANTHUS (Butterfly Flower.)

Elegant free-flowering, hardy annuals for the garden in summer, or for pot culture in the greenhouse during winter. Height 18 inches.

Finest Mixed. Shades of rose, scarlet, purple and white, Pkt., .05c.

Retusus Trimaculatus. New, purplish-carmine with bright golden yellow blotches on the three upper petals, very attractive and distinct, Pkt., .05c.

SNAPDRAGON.

See Antirrhinum.

Stock = Gilliflower

The charming colors, delightful fragrance and free-blooming character of the Stocks have made them favorite plants for both summer and winter cultivation. They are very effective for beds and borders, and their handsome spikes are invaluable for bouquets and floral decorations.

LARGE-FLOWERING DOUBLE TEN-WEEK VARIETIES.

Highest grade, pot-grown seed. The best variety for early summer blooming, producing massive pyramidal flower spikes of brilliant colors and delightful fragrance. Height, 1 ft.

White,	Pkt., .15c.
Lavender,	Pkt., .10c.
Pink,	Pkt., .10c.
Mixed,	Pkt., .10c.

DRESDEN PERPETUAL BRANCHING.

Unsurpassed for floral arrangements, flowering very rich until destroyed by frost.

Finest Mixed,	Pkt., .10c.
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SUNFLOWER.

See Helianthus.

SWEET WILLIAM (Dianthus Barbatus.)

Showy hardy biennials of easiest culture; admirable for clumps among shrubs or borders. Height, 18 inches.

Hunt's Perfection. Large flowered white margined in splendid variety, Pkt., .05c.

Use New Deere No. 9 2 Row Corn Planter with Check Rower

Send for Special Catalogue

SWEET PEAS

Our stocks are grown for us and are unsurpassed in quality. We strive constantly for purity and vitality regardless of cost.



One of Our Leaders

Culture.

Early in the spring make a trench about six inches deep, in rich, mellow soil so arranged that no water can stand in it, and plant the seed at the bottom, taking care not to cover it more than two inches. All Sweet Peas, but particularly the white seeded sorts, are often a little difficult to start. If the soil is too dry, they will remain a long time without germinating; if it is too wet and cold they will not sprout at all. In soils that are at all heavy or composed largely of clay, it will generally pay to put about two

inches of sand in the bottom of the trench and to sow the seed on this, covering with more sand. Often it will be an advantage to cover the row with a board so as to shed the rain and protect the soil from the hot sun, but care should be taken to remove this as soon as the young plants cut through the soil. When the plants are about five inches high, fill up the trench and furnish some support for the vines to run upon. The flowers should be picked before they form pods, or the plants will soon stop flowering.

SWEET PEAS—Continued**WHITE.**

Sadie Burpee. Whitesh of the white, very large.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Blanch Burpee. Pure white of superior substance, flowers large and finely formed.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Emily Henderson. A new pure white, largest of all and an excellent sort.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

WHITE AND BLUE.

Maid of Honor. White edged with blue.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

LIGHT YELLOW.

Mrs. Eckford. Delicate shade of primrose yellow.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Primrose. Color pale primrose approaching yellow.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

SHADES OF PINK.

Katherine Tracy. Brilliant pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Lovely. Soft shell pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .25c.; lb., .75c.

Prima Donna. Lovely shade of soft pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Lady Mary Currie. Orange Pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Her Majesty. Flowers large, rose colored.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Blanche Ferry. Very popular, pink and white.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Blanche Ferry "Extra Early." Ten days earlier than Blanche Ferry.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Painted Lady. Old popular pink and white.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

SHADES OF RED.

Brilliant. Bright scarlet, fine form.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Firefly. Brilliant scarlet.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

SWEET PEAS—Continued**CLARET AND MAROON.**

Boreatton. Very dark, deep maroon, flowers large.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Captivation. Beautiful claret color.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Waverly. Standards rosy claret, wings shaded blue.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Black Knight. Deep maroon.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

LAVENDER AND MAUVE.

Countess of Radnor. Pale mauve standards, wings pale lilac, very fine.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Dorothy Tennant. Flowers large, rosy mauve.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Emily Eckford. Standard reddish mauve, wings blue.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

BLUE.

Navy Blue. Splendid dark blue.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

BLUE AND PURPLE.

Lottie Eckford. Rose and white, edge blue.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Captain of the Blues. Standard purple mauve, wings pale blue, first class.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

VARIEGATED.

Daybreak. Crimson scarlet on white ground.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .60c.

Gray Friar. Beautiful watered purple on white ground.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

Mrs. Joseph Chamberlain. White flaked with bright rose.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

HASKELL'S CHOICEST MIXED.

Grown from very best stock obtainable and mixed in carefully studied proportions and should give most excellent satisfaction to those who do not desire to grow distinct varieties.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; $\frac{1}{2}$ lb., .30c.; lb., .50c.

SWEET PEAS—Continued**CUPID SWEET PEAS.**

When the Cupid Sweet Pea was introduced, it seemed to most people that its distinct habits had so delighted its propagators that they had exaggerated its value, but continued trial demonstrates that in those localities where the conditions of soil and climate are favorable for its best development, it is even more valuable than was claimed. For growing in pots, for edgings and bedding, the Dwarf Sweet Peas are a valuable addition to our flowering plants. They require no support, but form a low, compact bush covered with large, finely formed flowers.

Culture.

Cupid Sweet Peas require a well drained, rich soil, and care should be taken that the seed is not covered to exceed one inch in depth, and that the surface soil does not become caked or hard. Sow in a sunny situation somewhat later than other Sweet Peas, and give each plant plenty of room. The white seeded varieties are especially liable to rot if exposed to extreme moisture. They germinate best in moist, sandy soil. If such is not available a little damp sand should be placed in the bottom of the trench and the seed imbedded in it and then covered to a depth not exceeding one inch. Place a board over the row, supported two or three inches above the soil, so as to afford protection from rain and sun. Be careful to remove the board as soon as the young plants begin to appear.

Beauty "Cupid." White, shaded pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

Sadie Burpee "Cupid." Vigorous, white.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

Her Majesty "Cupid." Rosy crimson.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

Countess of Radnor "Cupid." Light lavender.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

Bridesmaid "Cupid." Deep pink.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

SWEET PEAS—Continued

Apple Blossom "Cupid." Very pretty.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

Firefly "Cupid." Scarlet standard, pink wings.
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .20c.; lb., .70c.

TRUMPET FLOWER.

See Daturia.

VERBENA.

The Verbena is one of the most decorative and easily grown bedding plants. If started in heat in March the seedlings begin to bloom in June and continue until frost. Plants raised from seeds are stronger and flower more freely than those grown from cuttings. Half-hardy perennials. Height, 1 ft.

Hybrida. Fine mixed, Pkt., .05c.

Hybrida. Mammoth mixed, Pkt., .10c.

Hybrida. Extra selected; dark blue, Pkt., .10c.

Hybrida. Candissama. White, Pkt., .10c.

Hybrida. Carminea, Pkt., .10c.

VEITCHII OR BOSTON IVY.

See Ampelopsis.

VIRGINIA CREEPER (or American Woodbine.)

See Ampelopsis. Though a common native climber this is one of the best plants for covering unsightly objects, or it may be easily trained into festoons of exceeding grace and beauty. Pkt., .05c.

XERANTHEMUM.

Profuse blooming, hardy annuals with "Everlasting" flowers; useful for winter bouquets; colors pure white and deep purple. Height, 18 inches.

Finest Double Mixed, Pkt., .05c.

ZINNIA.

The double flowering Zinnias, *Zinnia elegans* fl. pl., are among the finest annuals, blooming from July till frost. The flowers are large, handsome, and in a variety of colors. Of easy cultivation in common garden soil. Seed should be started in heat and transplanted. Our seed of these beautiful flowers is saved from the finest collection in Germany.

Single Mixed, Pkt., .05c.

Double Mixed, Pkt., .05c.

MIXED FLOWER SEEDS

A splendid mixture of more than one hundred kinds of flower seeds at a low price. Large Package, 5c.

Geo. B. Haskell Co.'s

Choice Vegetable Seeds

Delivered free at pkt., oz., $\frac{1}{4}$ lb., $\frac{1}{2}$ lb. or lb. prices.

Half pounds furnished at pound rates.

Half bushels at bushel rates.

We forward seeds by *mail* or *express* as the purchaser may desire. When ordered by mail add postage for beans and peas at the rate of 15c per qt., sweet corn 10c per qt., and seeds that sell by the lb. add 8c per lb. to catalogue prices.

ASPARAGUS

1 ounce to 50 feet of drill.

Asparagus roots may be purchased in the spring, or may be grown from seed sown early in May in drills 12 to 15 inches apart, and 2 inches deep. When plants are well up thin to about one inch apart and cultivate thoroughly during the summer. The next season place these plants in drills 3 to 4 feet apart, leaving 18 to 24 inches between the plants which should be placed from 2 to 4 inches below the surface of the bed with the roots spread out flat, all in the same direction, so they will not grow together. Dress heavily with manure the first season; and spade in 1 quart salt and 2 quarts wood ashes to each square rod the second season. A bed 15 by 50 feet requires about 100 plants. Light, sandy soil is best.

CONOVER'S COLOSSAL. A well known variety. Large size and excellent quality,
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .15c.; lb., .40c.

PALMETTO. Earlier than other sorts and less subject to blight,
Pkt., .05c.; oz., .10c.; $\frac{1}{4}$ lb., .25c.

Asparagus Roots

Two year old plants \$1.25 per 100.

BEANS

One quart will plant 100 feet of drill; one and one-half bushels for an acre.

A succession of sowing can be made from the first week in May. Plant in drills about two inches deep from 18 inches to 2 feet apart. Hoe only when dry, as the pods will rust badly if the leaves are disturbed when wet with dew or rain.

Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage.

Butter or Wax Sorts--Dwarf or Bush Varieties

HASKELL'S SPECIAL IMPROVED RUST PROOF GOLDEN WAX. One of the most delicious stringless wax bush beans grown,

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

RUST PROOF BUTTER. Pods long, stringless, golden color, crisp and tender,

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

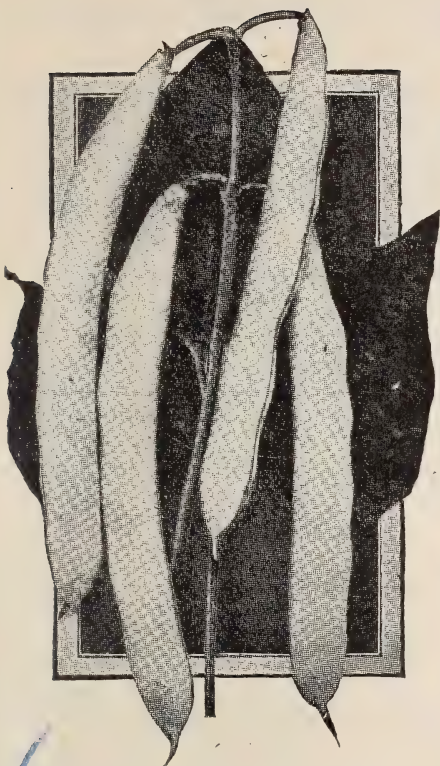
CURRIE'S RUST PROOF. Pods long, flat, straight, heavy yielder, good quality,

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

BLACK GERMAN WAX. (Black Seed.) Very early; round yellow pods; a well known standard sort; popular everywhere.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

BEANS—Continued



✓ **LONG YELLOW SIX WEEKS.** Pods flat and green; a leading market sort.

Pkt., .05c;
pt., .10c.; qt., .25c.; pk. \$1.25.

✓ **STRINGLESS GREEN POD.** Extra early, very prolific and entirely stringless; crisp and tender, and of fine quality.

Pkt., .05c;
pt., .15c.; qt., .25c.; pk., \$1.50.

✓ **White Pea.**

Pkt., .05c.; qt., .10c.; pk., .75c.

✓ **OLD FASHIONED YELLOW EYE.** Pkt., .05c.;

pt., .15c.; qt., .20c.; pk., \$1.25.

✓ **IMPROVED YELLOW EYE.**

Pkt., .05c.;

qt., .15c.; pk., .85c.; bu. \$3.00.

✓ **RED KIDNEY.** Pkt., .05c.;

pt., .10c.; qt., .15c.; pk., \$1.00.

✓ **REFUGEE WAX. (Keeney's Stringless.)**

The earliest wax variety and very prolific. Pods long, round and yellow.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

✓ **DAVIS' WHITE KIDNEY WAX. (New.)**

Pods remarkably long, straight and of a handsome, waxy white color, enormously productive; white seed.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

✓ **WARDWELL'S KIDNEY WAX.** Extra

early; purely wax pods, long, flat, and remarkably free from rust.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

Green Podded Dwarf Varieties

✓ **BURPEE'S BUSH LIMA.** Beans as large as Pole Limas, perfectly dwarf and very productive.

Pkt., .05c.; pt., .20c.; qt., .35c.; pk., \$2.00.

✓ **HORTICULTURAL DWARF.** Late and productive; pods showy, great favorite in New England.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

✓ **LOW'S CHAMPION BUSH.** Very productive, large green flat pods, perfectly stringless, fine shell variety. One of the best snap beans grown.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.



Low's Champion Dwarf Bean

Use

Deere 2 Row Corn and Bean Planter with Check Rower

Eureka Corn and Bean 1 Horse Planter



Mammoth Horticultural

BEANS—Continued***Pole or Running Varieties***

One quart will plant 150 hills.

HASKELL'S SPECIAL KING HORTICULTURAL. (Sometimes Called Carmine.)

Earlier and much larger than the older sorts. Heavy yielder, a delicious, stringless, snap bean and excellent shelled.

Pkt., .05c.; pt., .20c.; qt., .30c.; pk., \$2.00.

BLACK WAX OR INDIAN CHIEF. A superb snap bean, pods yellow and stringless.

Pkt., .05c.; pt., .15c.; qt., .35c.; pk., \$1.50.

HORTICULTURAL OR SPECKLED CRANBERRY. Showy and excellent either as a snap or shell bean, or for cooking dry.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

LAZY WIFE'S. Beans white, pods green and entirely stringless; produces enormously.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

LARGE WHITE LIMA. (Extra size.) Selected stock, beans very large.

Pkt., .05c.; pt., .20c.; qt., .35c.; pk., \$2.00.

KENTUCKY WONDER. Fine green pod sort early and productive; entirely stringless.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

RED CRANBERRY POLE. Pods large and tender.

Pkt., .05c.; pt., .15c.; qt., .25c.; pk., \$1.50.

SCARLET RUNNER, ORNAMENTAL. The pods are fleshy, tender and sweet,

Pt., .20c.; qt., .35c.; pk., \$2.00.

BEETS

One ounce of seed to fifty feet of drill; six pounds to one acre.

A sowing for an early supply should be made as soon as the ground can be worked in spring. For main crop, sow early in May, and for winter beets, from the first to the third week in June. Sow in drills fifteen inches apart, and cover the seed one inch with fine earth pressed firmly upon the seed by treading or otherwise. Thin out the plants to six inches apart. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.

BEETS—Continued

Haskell's Special Dark Blood Turnip Beet

Haskell's Special Dark Blood Turnip Beet

One of the very best strains for market gardeners, small top, round, handsome, and very dark red. Our stock is carefully selected and is very fine. Pkt., .05c.; $\frac{1}{4}$ lb., .25c.; lb., .75c.

CROSBY'S EGYPTIAN. The best for early market, as early as the original strain of Egyptian; is thicker and less inclined to push up a woody neck as it advances in growth. Pkt., .05c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

DETROIT DARK RED. Round, skin dark red, flesh light red, very sweet. Pkt., .05c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

✓ **DEWING'S EARLY BLOOD TURNIP.** Fine form and flavor; excellent market variety; the standard sort for early or late beet. Deep blood red.

Pkt., .05c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

✓ **DIRIGO EXTRA EARLY.** The earliest variety in cultivation. It is a rich blood-red, but of fine grain and flavor; of smooth, rapid growth.

Pkt., .05c.; $\frac{1}{4}$ lb., .25c.; lb., .60c.

✓ **EDMUND'S BLOOD TURNIP.** Dark red, round, small top.

Pkt., .05c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

✓ **LONG SMOOTH DARK BLOOD.** A good winter variety. Heavy yielder; good keeper.

Pkt., .05c.; $\frac{1}{4}$ lb., .15c.; lb., .40c.

SWISS CHARD. Used for greens.

Pkt., .05c.; $\frac{1}{4}$ lb., .15c.; lb., .40c.

✓ **ECLIPSE.** Nearly as early as the Egyptian; larger, and of better shape, being more spherical. Dark red, round, smooth, small top.

Pkt., .05c.; $\frac{1}{4}$ lb., .20c.; lb., .50c.

Mangel Wurzel and Sugar Beets for feeding stock

6 pounds per acre.

✓ **CHAMPION YELLOW GLOBE.** Heavy yielder and splendid keeper. Short top.

Oz., .05c.; $\frac{1}{4}$ lb., .12c.; lb., .30c.

✓ **GOLDEN TANKARD.** A very large yellow-fleshed sort, and very productive.

Oz., .05c.; $\frac{1}{4}$ lb., .12c.; lb., .30c.

✓ **ORANGE GLOBE.** Flesh orange yellow, sweet, fine grained.

Oz., .05c.; $\frac{1}{4}$ lb., .12c.; lb., .30c.



Eclipse Beet

BEETS—Continued

✓ **IMPROVED MAMMOTH LONG RED.** An improvement on the old variety. The roots are very large, uniformly straight and well formed, proportionally thicker, and are deeper colored than the common sort, and with smaller tops. We know our stock of this variety will produce the largest and finest roots which can be grown, and that it is vastly superior to many strains of the same sort offered under other names such as Norbiton Giant, Colossal, Monarch, etc. Oz. .05c; $\frac{1}{4}$ lb. .12c; lb. .30c.

✓ **SUGAR, LANE'S IMPERIAL.** White flesh and very productive.

Oz., .05c.; $\frac{1}{4}$ lb., .12c.; lb., .30c.

✓ **SUGAR, WHITE FRENCH.** Roots long and smooth and grow to a large size. Oz., .05c.; $\frac{1}{4}$ lb., .12c.; lb., .30c.

CABBAGE

One ounce will produce about 3,000 plants.

The Cabbage is one of the most important vegetables, and some of its varieties are universally cultivated. The ground must be highly manured, deeply dug or ploughed, and thoroughly worked, to insure good full sized heads. A heavy moist and fresh loam is most suitable. The early sorts should be sown very early in the spring, in hot beds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

Extra Early Sorts

✓ **EARLY JERSEY WAKEFIELD.** A standard early variety for home use or market. Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .70c.

✓ **CHARLESTON LARGE WAKEFIELD.** About one week later than Early Jersey Wakefield, but the heads are fully one-half larger; will not burst when ripe like most early sorts, and can be left standing in the field some time without damage. Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .70c.

Second Early or Summer Sorts

✓ **ALL SEASONS.** Larger than Henderson's Early Summer, nearly as early; very solid and sure-heading. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

✓ **FOTTLER'S IMPROVED BRUNSWICK.** An excellent early drumhead variety; produces a firm, solid head; very popular with market gardeners. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

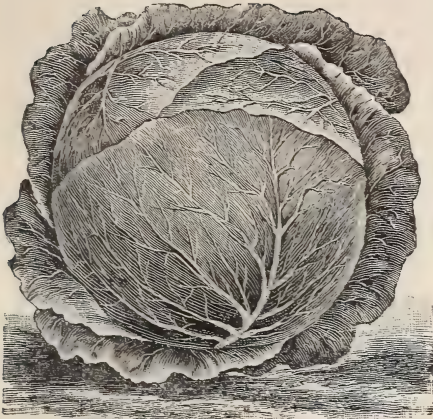
✓ **HENDERSON'S EARLY SUMMER.** The earliest of all large Cabbages, coming in but a few days later than the Wakefield; heads of large size, very solid and compact. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

✓ **SURE HEADS.** Heads remarkably uniform, very hard and firm. A good keeper and shipper. A favorite with market gardeners. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

✓ **EARLY WINNIGSTADT.** Not so early as either of the foregoing, but an even better header. Planted a little late it makes a good winter Cabbage. Does better than any other variety on light soil. Pkt., .05c.; oz., .15c.; $\frac{1}{4}$ lb., .50c.

✓ **EARLY FLAT DUTCH.** Earlier, and heads smaller than Premium Flat Dutch. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

✓ **HENDERSON'S SUCCESSION.** The finest Cabbage in existence, whether for medium, main crop, or winter use. Perfect in every respect. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

CABBAGE—Continued**Late or Winter Sorts**

Danish Bald Head or Hollander.

STONE MASON DRUM-HEAD. The market gardener's favorite. One of the very best for a main crop, and is unequalled for storing in winter. Market gardeners in the vicinity of Boston grow this variety entirely for late fall and winter use. Plants medium size, with only a moderate number of leaves. Heads large, round, or slightly flattened, very solid, crisp and tender, exceedingly fine flavor. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .65c.

MAMMOTH RED ROCK. This is the best, largest and surest heading Red Cabbage ever introduced, and much better than the stock offered as Red Drumhead. Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

RED DUTCH. For pickling or as salad. Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .75c.

DANISH BALD HEAD OR HOLLANDER. An improvement over the imported Danish Bald Head. A valuable, perfectly round solid Winter variety. Is a long keeper, profitable for shipping, keeping long after other sorts are gone.

Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .75c.

MARBLEHEAD MAMMOTH. The largest Cabbage grown. It needs a deep, strong soil, highly cultivated.

Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.

LATE FLAT DUTCH. A good winter Cabbage. Pkt., .05c.; oz., .15c.; $\frac{1}{4}$ lb., .50c.

IMPROVED AMERICAN SAVOY. Very sweet and tender; good sized, firm heads; very reliable and much esteemed for family use.

Pkt., .05c.; oz., .20c.; $\frac{1}{4}$ lb., .60c.



Stone Mason Drumhead

Use Deere Seed Drill. Low Price Practical Tool

Use Matthews Hill Drill Seeder

CARROTS

One ounce to one hundred feet of drill; three to four pounds to the acre.

Carrots require a very finely pulverized soil, to grow them to perfection. A good light and well enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart and cultivate by hand. For early crops, cover one-half an inch deep, and thin to six inches apart in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

EARLY FRENCH FORCING.

The earliest variety; valuable for forcing.

Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

OXHEART.

Very thick and short, fine grained and sweet. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

EARLY SCARLET HORN.

Early, fine grain; medium size; excellent table sort. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

DANVERS HALF LONG.

In form it is midway between the Long Orange and the Short Horn. The root is of a rich, dark orange color, and grows very smooth. Very productive, and keeps well. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

ESSEX IMPROVED LONG ORANGE.

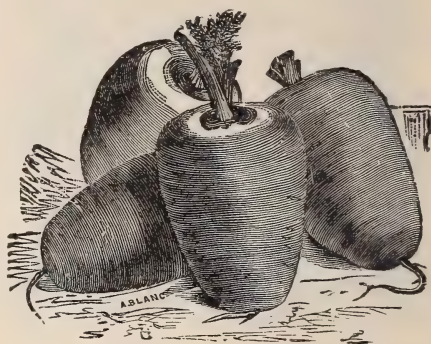
The best late variety. Roots of large size, heavy cropper and excellent keeper. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

LONG ORANGE.

Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

LARGE WHITE BELGIAN.

Large, long-rooted variety valuable for feeding. Oz. .05c; $\frac{1}{4}$ lb. .15c; lb. .45c.



Oxheart Carrots.



Danvers Half Long.

CAULIFLOWER

The Danish grown cauliflower seed seem to be the only ones which will produce satisfactory plants and heads and while some of them cost several times more than seeds grown in this country we shall catalogue and ship the Danish grown only.

One ounce will produce about 3,000 plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid. The seeds may be sown in the hotbed in March or April, and transplanted to open ground about the first of May.

EXTRA EARLY DWARF ERFURT. The earliest variety; large compact heads, of fine quality. Pkt. .15c; oz. \$1.50.

HENDERSON'S EARLY SNOWBALL. One of the early sorts. Very reliable, and grown largely for the market. Pkt. .20c; oz. \$2.00.

CELERY

One ounce will produce about 4,000 plants.

To have Celery early, it should be sown in a hotbed quite early in the spring, and when three inches high, plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop, sow early in spring, very shallow in the seed-bed, and when the plants are about six inches high, transplant them six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well-rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care no earth falls in the center of the plants.

GIANT PASCAL. A fine, large-ribbed, solid variety, of exceedingly nutty flavor. It is one of the best keepers of all the late sorts. Unexcelled for market gardeners. It is one of the best for main crop and home use. It can be more easily grown than any of the other varieties. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.

BOSTON MARKET.

As its name indicates, the favorite market variety in the vicinity of Boston. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.

GOLDEN SELF BLANCHING.

The best and most popular variety for home use or marketing. Pkt. .05c; oz. .35c; $\frac{1}{4}$ lb. \$1.00.

SOUP CELERY SEED.

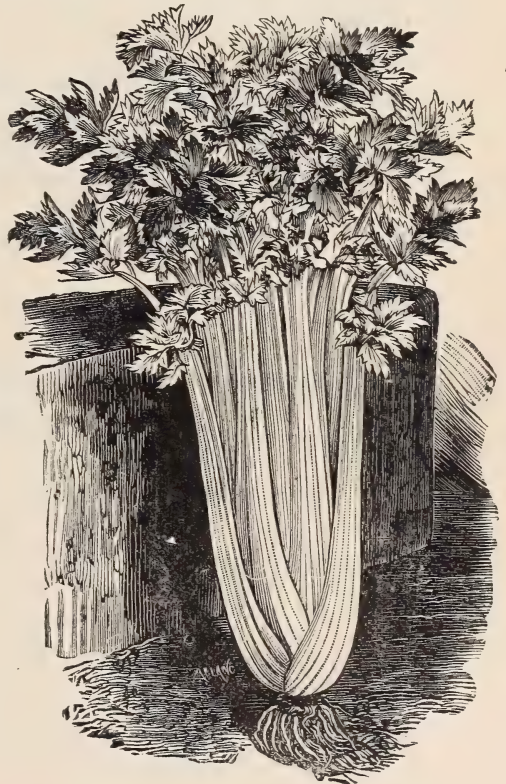
For flavoring. Oz. .05c; $\frac{1}{4}$ lb. .10c; lb. .20c.

CELERIAC, OR TURNIP-ROOTED CELERY.

Large Smooth Prague. An improved form of turnip-rooted Celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large, deep green foliage. Pkt. .05c; $\frac{1}{4}$ lb. .15c.

WHITE PLUME.

A new variety that can be more easily grown than any other as it does not require high banking to blanch the stalks. Simply earthing up enough to keep the stalks together, or even tying them together by passing a string around each plant is sufficient. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.



White Plume Celery.

CHERVIL

One ounce will sow about 300 feet of drill.

Cultivated like parsley. Sow thinly in May, in drills half an inch deep, one foot apart. Use while the leaves are young and tender.

CURLED CHERVIL. The young leaves are used for garnishing, and flavoring soups. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

CHICORY

LARGE ROOTED MAGDEBURG. The dried roots are roasted and mixed with coffee or used as a substitute. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c; lb. .80c.

CITRON

See Melon.

CORN

Northern Grown Sweet or Sugar

Grown for us in a latitude as far north as possible, properly cured and the purest strains obtainable.

One quart to 200 hills, ten quarts to an acre. Corn ordered by mail is subject to an extra charge of 10c. per qt. for postage. Pints furnished at quart rates.

The Sweet or Sugar varieties being liable to rot in cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July, in rich well manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.



Extra Early Varieties

HASKELL'S SPECIAL EXTRA EARLY DWARF CROSBY.

Our largest gardeners pronounce this the very best variety of Sweet Corn they have ever grown. Small kernel; well filled ears of delicious flavor. Pkt. .10c; pt. .15c; qt. .30c; peck, \$1.75.

EARLY CROSBY.

An excellent strain of Crosby, but grows larger; not as early as our special. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.50.



Early Crosby Corn.

WHITE COB CORY. Sweet or Sugar. We consider this the best extra early sweet corn. The ears are fully as large and well-filled as the Cory, and just as early and have the great advantage of a white cob, making this variety the best extra early market corn. We hope all our friends will plant largely of this for an early crop, as we feel sure that it cannot fail to give entire satisfaction. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.35.

RED CORY. One of the earliest varieties in cultivation. Planted side by side with other extra early varieties, it has been fit for table about a week ahead of any other kind we have yet found. Better every way than the old Marblehead Early which it resembles. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.35.

CORN—Continued

EARLY MARBLEHEAD. Earlier than Cory, ears large, eight-rowed, white grain and cob. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.35.

BURBANK'S EARLY MAINE. Earlier than Cory, ears large, eight-rowed, white grain and cob. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.25.

BLACK MEXICAN. One of the sweetest and best varieties, grains black when ripe, but when in condition for the table, cooks remarkably white. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.35.

Late Varieties

COUNTRY GENTLEMAN. The sweetest and most tender of all sweet corns. This is not only true, but in addition to this, the Country Gentleman is one of the most productive sorts, the stalks averaging three ears, sometimes as many as five. Kernels and cob pure white; cob small, kernels deep; ears average twelve inches in length. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.25.

STOWELL'S EVERGREEN. The finest late variety. Ears 12 to 16 rowed; very large and remains fit for use longer than any other. The stocks are very tall and valuable for fodder. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.25.

HICKOX IMPROVED. An excellent variety, sweet and productive. Earlier than Stowell's Evergreen. Pkt. .05c; pt. .15c; qt. .25c; peck, \$1.25.

Field, Fodder and Ensilage Corns

These are grown, cured and prepared for seed purposes only, coming direct to us from the growers, enabling us to get not only the best seed from each crop, but purer strains and surer to yield the desired results. Market Price.

Field Corn

EARLY 8-ROWED CANADA. Earliest and much like our Native Yellow.

LONGFELLOW. A good variety; long ears, small cob, large kernel, not quite as early as the Early Canada.

NATIVE YELLOW. Market price. Prices subject to market changes.

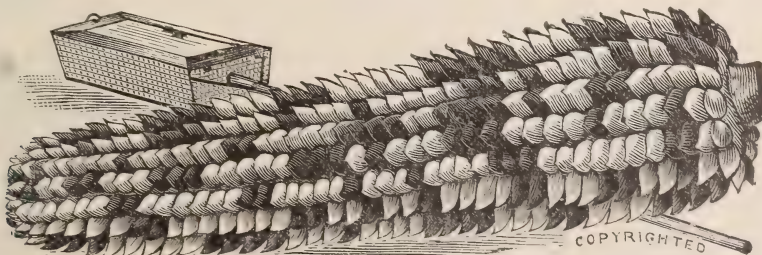
Corn for Popping

PEARL. The finest popping corn grown; small kernels, but very crisp, tender and sweet. We use none but thoroughly seasoned, at least one year old. Packed in barrels on cob. Market Price.

RICE. Snowball brand. 1 lb. pkgs. 40 pkgs. to case.

Per case, market price.

Rice in bulk, shelled.



CORN—Continued***Ensilage and Fodder Corn***

BLUNTS PROLIFIC. Excellent for fodder.

EVERGREEN SWEET. The best and sweetest corn for fodder.

LEAMING. Early. Productive. Excellent for green fodder or ensilage.

RED COB. Pure white corn, grows very tall, leafy and juicy.

SANFORD WHITE FLINT. A great yielder and fast becoming a favorite.

SOUTHERN WHITE. Valuable for fodder or ensilage.

CORN SALAD or FETTICUS

A vegetable used as a salad. It is sown on the first opening of spring, in rows one foot apart, and it is fit for use in six or eight weeks from time of sowing. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used anytime during the winter.

BROAD LEAVED. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

CRESS or PEPPERGRASS

EXTRA CURLED. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

TRUE WATER CRESS. Pkt. .10c; oz. .40c; $\frac{1}{4}$ lb. \$1.25.

CUCUMBER

This is one of the vegetables that can be grown to perfection by any one who can control a few square yards of soil that is fully exposed to the sun. Every family should be supplied from its own garden, since the fruit is so much better when gathered fresh from the vines than it is in the more or less wilted condition in which it is found on the market.

CULTURE

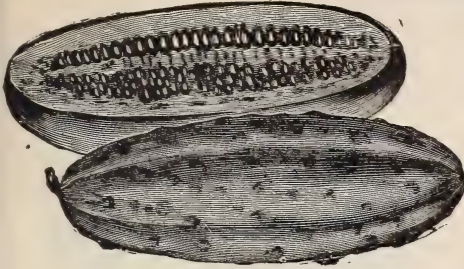
In order to obtain the largest yield of cucumbers, the soil should be well enriched with well rotted manure, but an abundance of good fruit can be raised on any rich garden soil. Plant the seed not over an inch deep in hills four to six feet apart each way, dropping fifteen to twenty seeds in a hill. After the plants begin to crowd and danger from the striped beetle is pretty well over, thin to three plants to the hill. Give frequent but shallow cultivation until the plants make runners so long that this is impracticable.

The plants are liable to attack from the striped cucumber beetles which are so numerous in some cases as to destroy them. These insects may be kept off by a frequent dusting with air-slacked lime, soot or sifted ashes diluted with fine road earth. Care should be taken not to use too much of any of the above materials, for if used too freely they will kill the vines. The best protection against injury is a vigorous and rapid growth of the young plants.

Pick the fruit before it begins to ripen, as the vines will cease setting fruit as soon as any seed begins to mature. In gathering for pickles, cut the stem instead of pulling the fruit off and be careful not to mar the fruit in any way, for if the skin be broken the pickles will not keep so well.

EXTRA EARLY RUSSIAN. Earliest variety known, hardy and productive, fruit very small and quality fine for pickling or slicing. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

EARLY CLUSTER. Fruit small and borne in pairs; light green, a great bearer. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

CUCUMBER—Continued

Early Frame Cucumber.

EARLY FRAME OR SHORT GREEN.

An excellent sort, both for table use and for pickling. Plants very vigorous and productive. Fruit straight, a little smaller at the ends, bright green, lighter at the blossom end. Comes into use a little later than the Early Cluster and keeps green a long time. Our stock is very superior. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

BOSTON PICKLING. Fruit short, smooth and pointed at each end, bright green and a great yielder, one of the best for pickling. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

WHITE SPINE IMPROVED. The most popular strain of White Spine, and for general outdoor culture the best. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

LONG GREEN IMPROVED. Fine for pickling when small, good for table use when about half grown. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

JAPANESE CLIMBING. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown in trellises, etc., saving much valuable space in small gardens. It is very prolific, from 40 to 50 cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor. Pkt. .05c; oz. .15c; $\frac{1}{4}$ lb. .50c.

DANDELION

One ounce will sow 100 feet of drill.

The Dandelion affords one of the earliest and most healthful spring greens or salads. The seed should be sown in May or June, in drills, half an inch deep and twelve inches apart, and the earth firmly pressed over the seed. Thin out afterwards to four inches apart.

AMERICAN IMPROVED. Thick leaf; favorite market sort. Pkt. .05c; oz. .35c; $\frac{1}{4}$ lb. \$1.25.

EGG PLANT

The Egg Plant will thrive well in any good garden soil. Sow in the hotbed and when two or three inches high, transplant into pots or rows, two and one-half to three inches apart. When the weather will permit, transplant into good, rich soil, thirty inches apart each way.

NEW YORK IMPROVED PURPLE. The leading market variety; very productive. Pkt. .10c; oz. .30c.

WHITE. Choice for ornamental use. Pkt. .10c; oz. .25c.

ENDIVE

One ounce of seed for seventy-five feet of drill.

One of our best salad plants. For a first crop, sow about the middle of April; for succession, small sowing may be made every month till August, when the main planting is made. Set out the plants one foot apart, in rows, and when well grown, effect blanching by folding the leaves in their natural position around the heart, and tying the outer leaves together by their tips in cone form.

GREEN CURLED. Hardy, finely curled; easily blanched; one of the best. Pkt. .05c; oz. .15c.

ENDIVE—Continued

FRENCH MOSS-CURLED. Very finely curled with close, dense leaves. Pkt. .05c; oz. .20c.

WHITE CURLED. Blanches rapidly; excellent and very tender. Pkt. .05c; oz. .15c.

BROAD-LEAVED BATAVIAN—(Escarolle). Leaves long and broad, thick and succulent. Pkt. .05c; oz. .15c.

KALE or BORECOLE

One ounce of seed produces about 1,500 plants.

The Kales are the most tender and delicate of all the cabbage family, and are improved in flavor after frost. For fall use, sow early in May, in a prepared bed, transplant in June, and treat in the same manner as cabbages.

GERMAN DWARF PURPLE. Like Dwarf Curled Scotch but rich purple color. Very early. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

TALL GREEN CURLED SCOTCH. Grows about two feet high. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

DWARF GREEN SURLLED SCOTCH. A round dwarf variety rarely exceeding eighteen inches in height, but spreading out under good cultivation, to three feet in diameter. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

KOHL-RABI

Sow in May or June, in rows eighteen inches apart. Any ordinary soil moderately rich, will answer. The bulbs, when about half grown, are boiled and served like turnips.

EARLY WHITE VIENNA. The best for early and main crop, flesh white. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .60c.

EARLY PURPLE VIENNA. Bluish purple outside; flesh white. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .60c.

LARGE GREEN. Good for table use and is used also for feeding stock. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .60c.

LEEK

One ounce will produce about 1,000 plants.

The Leek is generally considered superior to the Onion for soups; it is very hardy, and easily cultivated. Sow in drills, a foot apart, in April, and transplant in July, in rows fifteen inches apart, and six inches from plant to plant. The plants should be set five inches deep, in rich, moist soil.

LONDON BROAD FLAG. A large variety with broad leaves. Pkt. .05c; oz. .15c; $\frac{1}{4}$ lb. .35c.

LETTUCE

One ounce will sow 100 square feet, or 120 feet of drill.

Lettuce is easy of cultivation, but likes a good rich soil. For early use, sow under glass in February and March, and transplant as soon as the ground can be worked. Later sowings may be made in the open ground at intervals of two weeks, for succession as long as the weather permits; thin out well and set in rows one foot apart, and one foot between the plants. Lettuce requires good ground and abundant moisture.

LETTUCE—Continued

Curled or Loose-Leaved Varieties



Boston Curled Lettuce.

GRAND RAPIDS—(Black Seed).

As a forcing and shipping lettuce this undoubtedly stands at the head; beautiful in appearance. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .30c.

BOSTON CURLED—(White Seed).

Of excellent quality and great beauty, highly ornamental, fringed leaves. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .60c.

TOMHANNOCK—(White Seed).

A handsome lettuce with upright leaves, beautifully wrinkled; edges of outer leaves have a reddish tinge, inner leaves almost white. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .70c.

Cabbage or Head Varieties

HANSON—(White Seed). Always sure to make large, handsome heads of excellent quality; outer leaves green with light veins, inner leaves white. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .50c.

BROWN DUTCH—(Black Seed). Leaves large, thick, green, tinged with brown; forms large, solid heads, exceedingly hardy. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .50c.

BIG BOSTON—(White Seed). A very popular variety with gardeners who want a large heading, forcing sort; also for outdoor winter culture. Plants large, very hardy and vigorous; leaves broad, comparatively smooth but wavy at edge, thin and very hard; color bright, light green; when well grown are quite tender. Indoors this forms a solid head while out of doors it is less distinctively a heading sort. Grown in the south as a winter lettuce. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.

BOSTON MARKET—(White Seed). One of the best for forcing under glass as well as for outside use; forms fair sized heads; edge of leaves slightly tinged with red. Pkt. .05c; oz. .30c; $\frac{1}{4}$ lb. \$1.00.

TENNIS BALL—(Black Seed). Popular for open ground, head handsome, crisp and tender. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

TENNIS BALL—(White Seed). Extensively grown for forcing and heading under glass, heads fine, good sized, very white and crisp. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

ROYAL SUMMER CABBAGE—(White Seed). A good sized head lettuce for summer use. Pkt. .05c; oz. .30c; $\frac{1}{4}$ lb. \$1.00.

Cos or Celery Lettuce

WHITE PARIS. Has long, narrow, upright leaves, does not head, but when tied up blanches very nicely. Pkt. .05c; oz. .30c; $\frac{1}{4}$ lb. \$1.00.

MELON--MUSK

One ounce of seed for sixty hills; two to three pounds for an acre.

A light, rich soil is the most suitable for melons of all kinds. In very rich soil the hills should be six feet apart; in poor soil, about five feet. Before planting the seed mix a peck of rotted manure with the soil in each hill. About the middle of

MELON---MUSK---Continued

May, plant the seeds half an inch deep—six or eight in each hill. When the plants are well up, thin out, leaving three to a hill.

EXTRA EARLY HACKENSACK. One of the finest for market gardeners. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.

LONG YELLOW CANTALOUPE. Flesh reddish orange, sweet and of good flavor. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

NETTED GEM OR ROCKY FORD. This has become the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high flavored. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

EMERALD GEM. Standard for New England. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

CITRON. The standard for preserves. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.

MELON--WATER

NEW FLORIDA FAVORITE. An improvement on the old Florida Favorite, growing to double the size, and more prolific. Its perfect shape, bright red crisp flesh, and delicious flavor, make it one of the best melons grown. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

PHINNEY'S EARLY. Red flesh, white ended, early, hardy, and productive. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

MOUNTAIN SWEET. The most popular variety known; one of the best for northern cultivation; fruit dark green, oblong in shape. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

MIXTURE OF BEST VARIETIES. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

BLACK SPANISH. Another old sort, small, early, sweet and rich. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

PEERLESS OR ICE CREAM. Very early, flesh firm and sugary. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

CUBAN QUEEN. Very productive; flesh bright red, very solid, crispy and sugary. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c.

MUSTARD

One ounce to forty feet of drill.

Sow in shallow drills a foot apart; several sowings may be made for a succession.

WHITE. Best variety for salads, sometimes used as "greens." Oz. .05c; lb. .25c.

BROWN. More pungent than the White. Oz. .05c; lb. .25c.

ONION

One ounce of seed to one hundred feet of drill; four to five pounds an acre.

The Onion has been cultivated as an article of food from the earliest times, and is perhaps at the present day more universally grown than any other vegetable. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, even though the weather be cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling after sowing, so that the hot dry atmosphere may not destroy sprouting seed. When three inches high thin to two inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

ONION—Continued**YELLOW GLOBE DANVERS.****Haskell's Special.**

Haskell's Special Yellow Globe Danvers Onion.

This represents the product of years of careful selection and is the most perfect type of Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. The product of this seed always finds a ready sale, even when the general crop is a "glut" on the market, and will always average 50 cents per bbl. more than any other strain. This, our special strain, is all grown from selected, hand-picked bulbs; none but those perfect in size and shape being set for seed. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c; lb. \$2.50.

YELLOW GLOBE DANVERS. Undoubtedly the best known and most popular of all onions, the earliest yellow variety; is entirely free from stiff necks. Globular in shape, has a small top and is the most productive. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c; lb. \$2.00.

YELLOW DANVERS FLAT. A fine productive variety of medium size; skin coppery-yellow; flesh white; comparatively mild and well flavored. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.

EARLY RED GLOBE. You will find this to be entirely new, distinct and valuable; an early perfectly globe-shaped onion until now not having been produced. This is ten days earlier than Southport Large Red Globe, and equally as globe-shaped; color beautiful light red; the bulbs run even in size, are very showy, attractive and good sellers. We recommend our friends to give it a trial, believing they will find it worthy of general cultivation. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c; lb. \$2.00.

LARGE RED WETHERSFIELD. Onion growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form skin, deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c; lb. \$2.00.

SOUTHPORT RED GLOBE. The onions from Southport, Conn., generally command an extra price in New York markets, because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. This variety is of medium size, spherical, with small neck, very deep, rich red color, and of superior quality. We offer a strain of especially good quality, and much superior to that usually sold. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c; lb. \$2.00.

WHITE PORTUGAL OR SILVERSKIN. A large, flat, white onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. More extensively sown for sets than any other white variety and is also largely grown for pickling. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c; lb. \$2.25.

ONION SETS

Add ten cents per quart if sent by mail.

Onion Sets should be planted near the surface, as early in spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any soil.

WHITE SETS. Per quart .25c; pk. \$1.25.

TOP ONION SETS. Per quart .20c; pk. \$1.00.

YELLOW SETS. Per quart .20c; pk. \$1.00.

RED SETS. Per quart .20c; pk. \$1.00.

PARSNIPS

One ounce will sow 125 feet of drill; five pounds an acre.

Sow in rich soil, in drills about eighteen inches apart as early in the spring as the ground can be worked. The ground should be well and deeply dug; thin to six or eight inches in the row; harrow and cultivate often to keep down weeds.

WHITE HOLLOW CROWN. Good old sort. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.

ABBOTT'S IMPROVED OR LONG SMOOTH WHITE. Is smooth and quite large; one of the best. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.

GUERNSEY—(Half Long). Roots not quite as long as Hollow Crown but are of greater diameter and more easily gathered; roots smooth and fine-grained. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.



Long Smooth Parsnip.

PARSLEY

One ounce of seed to 150 feet of drill.

Sow as early as possible in the spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about fifteen inches apart. The plants appear in two to four weeks. Thin to three inches apart.

MOSS CURLED. A standard variety. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c.

PEAS

One quart of seed to 100 feet of drill; two bushels to the acre.

Peas ordered by mail are subject to an extra charge of ten cents per quart for postage. Pints furnished at quart rates.

CULTURE.

The Pea thrives best in light, loamy soil. The early and dwarf sorts require rich ground. The first planting should be made as early in the spring as the soil

PEAS—Continued

can be worked in fine, loose condition. The small, smooth varieties are best for early planting, as the frost does not injure them. When the weather becomes warmer, seed of the wrinkled varieties may be sown. Sow in drills and cover to a depth of four inches. For dwarf varieties rows should be two feet apart; tall varieties should have four feet between the rows.

Extra Early Dwarf Varieties

NOTT'S EXCELSIOR. (Wrinkled.) Very early, pods always well filled, finest quality. Height 1½ ft.

Pt., .15c.; qt., .25c.; pk., \$1.50; bu., \$5.25.

BLISS AMERICAN WONDER. (Wrinkled.) Earliest dwarf wrinkled sort. Height, ¾ ft.

Pt., .15c.; qt., .25c.; pk., \$1.50; bu., \$5.25.

EXTRA EARLY PREMIUM GEM. (Wrinkled.) An improvement on little Gem. Height, 1¼ ft.

Pt., .10; qt., .20c.; pk., \$1.25c; bu., \$4.00.

FIRST AND BEST. (Smooth.) A standard variety. Very early and prolific.

Pt., .10c.; qt., .20c.; pk., \$1.00; bu., \$3.25.

Extra Early Varieties, Not Dwarf

SIR THOMAS LAXTON. (Wrinkled.) Similar to Gradus but more hardy and productive.

Pt., .15c.; qt., .30c.; pk., \$1.75; bu., \$6.50.

SUTTON'S EXCELSIOR. Similar to Nott's Excelsior but more prolific and larger pods without doubt the very best early dwarf pea on the market.

Pt., .15c.; qt., .30c.; pk., \$1.75; bu., \$6.00.

CLEVELAND'S ALASKA. (Smooth.) The earliest blue pea. Height 2½ ft.

Pt., .15c.; qt., .25c.; pk., \$1.25; bu., \$4.00.

CARTER'S FIRST CROP. (Smooth.) Popular in many sections. Height 3 ft.

Pt., .10c.; qt., .20c.; pk., \$1.00; bu., \$3.25.

GRADUS OR PROSPERITY. (Wrinkled.) A new, large podded, first early, wrinkled variety. This represents the greatest advance yet achieved in early peas, for although the variety ripens with the earliest, the deep green pods are large and well filled, of excellent quality. Height 3 ft.

Pt., .15c.; qt., .30c.; pk., \$1.75; bu., \$6.50.

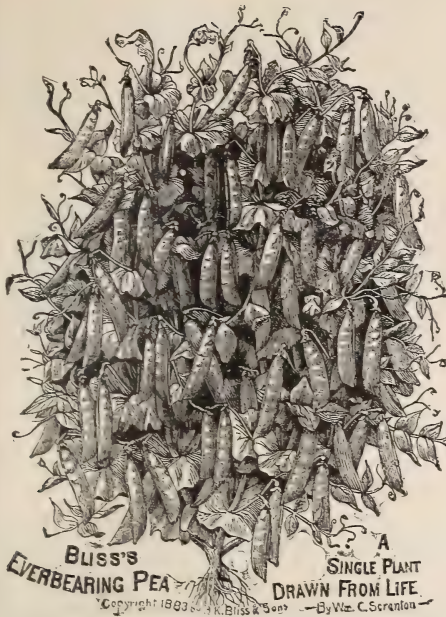
Second Early Varieties

DWARF TELEPHONE. (Wrinkled.) A new variety with dwarf vines. Height 18 inches; healthy, vigorous, and very uniform in height. Peas large and of delicious flavor. From five to seven days earlier than the Stratagem.

Pt., .15c.; qt., .30c.; pk., \$1.75; bu., \$6.50.

DUKE OF ALBANY. (Wrinkled.) Immense pods, and peas on style of Telephone. Quality excellent.

Qt., .25c.; pk., \$1.75; bu., \$5.75.



Sir Thomas Laxton — (Wrinkled.)

PEAS—Continued

YORKSHIRE HERO. (Wrinkled.) A large wrinkled variety, of branching habit; of fine flavor; 2½ ft. Pt., .15c.; qt., .25c.; pk. \$1.25; bu., \$3.50.

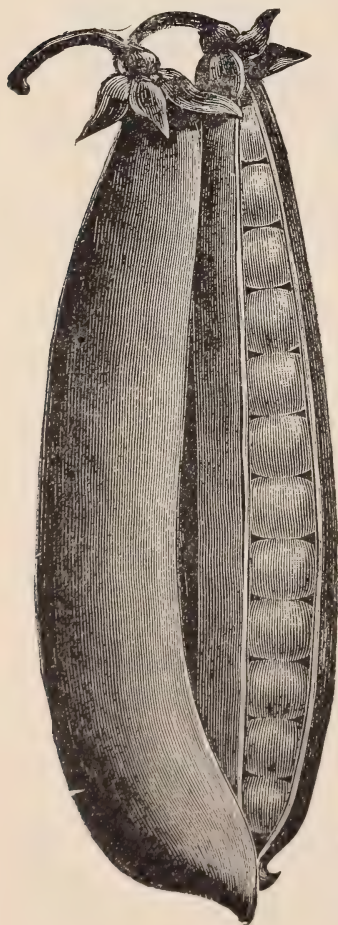
CARTER'S STRATAGEM. (Wrinkled.) One of the best peas ever sent out; vine of branching habit, heavily laden with immense pods, containing ten to twelve peas of large size; 1½ ft. Pt., .15c.; qt., .25c.; pk., \$1.50; bu., \$5.00.

HEROINE. (Wrinkled.) A medium early, green, wrinkled variety; pods remarkably long and handsome, slightly curved, well filled with large peas; 2 ft. Pt., .15c.; qt., .25c.; pk., \$1.25; bu., \$4.00.

MAMMOTH MELTING SUGAR. Best of all the edible podded peas. Pods straight, smooth, brittle, and delicious. Pt., .15c.; qt., .25c.; pk., \$1.75.

BLISS' EVERBEARING. (Wrinkled.) A splendid general cropper; pods average four inches long, and contain six to eight wrinkled peas of enormous size; and in sweetness and flavor they are unsurpassed; 2 ft. Pt., .15c.; qt., .25c.; pk., \$1.25; bu., \$4.00.

DWARF CHAMPION. (Wrinkled.) This pea gives universal satisfaction; very productive, large peas, fine flavor. Pt., .15c.; qt., .25c.; pk., \$1.25; bu., \$4.00.

**Late Varieties for General Crop**

HASKELL'S SPECIAL. (Wrinkled.) Darker colored pod. Heavy cropper and better than Telephone. Height 3½ ft. Pt., .15c.; qt., .30c.; pk., \$1.75; bu., \$6.00.

CARTER'S TELEPHONE. (Wrinkled.) This remarkable pea is a week earlier than Champion of England; pods five to seven inches in length, and containing from eight to twelve peas of unequalled flavor. 3 ft. Pt., .15c.; qt., .25c.; pk., \$1.50; bu., \$5.00.

CHAMPION OF ENGLAND. (Wrinkled.) An old favorite; rich flavored and very productive; 4 ft. Pt., .10c.; qt., .20c.; pk., \$1.00; bu., \$3.50.

LARGE WHITE MARROWFAT. (Smooth.) Cultivated very extensively for the summer crop. Height 4 ft. Qt., .15c.; pk., .75c.; bu., \$2.50.

BLACK EYED MARROWFAT. (Smooth.) Standard late variety for garden or field use. Height 5 ft. Qt., .15c.; pk., .75c.; bu., \$2.50.

SCOTCH. Market price.

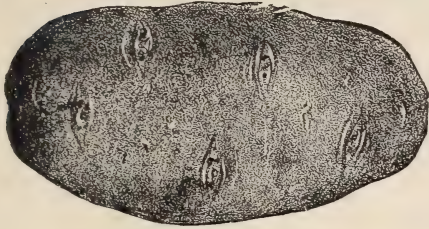
SMALL GREEN. Qt., .10c.; pk., .50c.

CANADA FIELD. Pk., .50c.; bu., \$1.75.

COW PEAS. Splendid fodder plant, extensively used for turning under. Poor, sandy loam may be improved by turning under a crop of Cow Peas.

POTATOES

The following varieties grown especially for us for seed, from selected Aroostook Stock. Properly treated, fertilized and sprayed. Planted with Eureka Potato Planter and cultivated with Deere Riding Cultivator, equipped with Discs, or Spring Trip Hoes with Hilling attachments.



EARLY ROSE. Pk., .40c.; bu., \$1.25c.

EARLY WHITE OHIO.

Pk., .40c.; bu., \$1.25.

EARLY RED OHIO. Pk., .40c.; bu., \$1.25.

EARLY NORCROSS.

Pk., .40c.; bu., \$1.25.

EARLY NEW QUEEN.

Pk., .40c.; bu., \$1.25.

IRISH COBBLERS.

Pk., .40c.; bu., \$1.25.

GREEN MOUNTAIN.

Pk., .40c.; bu., \$1.25.

PEPPER

The Pepper is a native of tropical countries, and requires a warm situation. The notes on culture of the Egg Plant apply in all respects to this vegetable. Plants should be a foot apart, rows eighteen inches to two feet apart.

LARGE BELL. Large, bright red, a handsome variety.

Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .75c.

LONG RED CAYENNE. A small, long-shaped variety; very pungent; the Cayenne Pepper of commerce.

Pkt., .05c.; oz., .25c.; $\frac{1}{4}$ lb., .75c.

PUMPKINS

One pound will plant from 200 to 300 hills; four to six pounds for an acre.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills eight feet apart.

CONNECTICUT FIELD. Very productive. Largely grown for feeding stock.

Oz., .05c.; $\frac{1}{4}$ lb., .10c.; lb., .30c.

LARGE CHEESE OR KENTUCKY FIELD. A most popular variety. Fruit flattened, the diameter being two or three times more than the length.

Oz., .05c.; $\frac{1}{4}$ lb., .10c.; lb., .40c.

SWEET OR SUGAR. This is a small, round and prolific variety; skin and flesh deep orange yellow; very fine grained, sweet and fine for pies. The pie pumpkin of New England.

Oz., .05c.; $\frac{1}{4}$ lb., .15c.; lb., .50c.

RADISHES

One ounce of seed to 100 feet of drill; ten pounds an acre.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hot beds, keeping well ventilated. In May they may be sown out of doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.



Scarlet Radishes.

RADISHES—Continued***Turnip Shaped Varieties***

EARLY SCARLET. A well-known variety; very quick grower. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .50c.

EARLY SCARLET WHITE TIPPED FORCING. A handsome very early round sort, skin bright scarlet on top, and shading to white on the bottom crisp and fine. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .50c.

NON PLUS ULTRA. Said to be the earliest of all forcing radishes, being fit for the table in three weeks from planting; roots round and bright scarlet, crisp and delicate. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .50c.

Olive Shaped Varieties

FRENCH BREAKFAST. Pink color, white-tipped, popular everywhere. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .50c.

VICKS SCARLET GLOBE. One of the very earliest. Equally good for forcing or open culture in spring and early summer, color beautiful scarlet, crisp, juicy and tender. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

Long Varieties

SCARLET SHORT TOP. A well-known and very popular variety of excellent quality; standard for home and market garden. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .50c.

CHARTIER OR SHEPARD. Very handsome, tender and crisp, and does not become pithy or hollow. A deep crimson at the top and shading off to white at the bottom. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

WHITE VIENNA.—(Or Lady Finger). Of rapid growth and beautiful shape; skin and flesh snow white, the finest of long white radishes. Pkt. .05c; oz. .15c; $\frac{1}{4}$ lb. .20c; lb. .60c.

Winter Varieties

LONG BLACK SPANISH. Long, black, flesh white and slightly pungent; one of the latest and hardiest. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

ROUND BLACK SPANISH. Skin black, roots globe shaped, white fleshed and piquant flavor. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

CHINA ROSE. Bright rose colored skin; flesh white; quality excellent; one of the best for fall and winter use. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

SAGE

BROAD LEAVED. Pkt. .05c; oz. .10c.

SAVORY

SUMMER. Pkt. .05c; oz. .15c.

WINTER. Pkt. .05c; oz. .15c.

SALSIFY or OYSTER PLANT

Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of good vegetables is so limited. It closely resembles the taste and flavor of an oyster, and when properly cooked is a good substitute.

SANDWICH ISLAND MAMMOTH. The Sandwich Island is an importation from the Sandwich Islands, and deserves to be classed as a new species, so much superior is it to the old kinds in size, appearance, form, and delicious flavor. The roots grow to a large size, smooth, tapering gradually to a point. Pkt. .05c; oz. .10c; ¼ lb. .30c.

WHITE FRENCH. The well-known standard variety. Pkt. .05c; oz. .10c; ¼ lb. .30c.

SPINACH

One ounce will sow 100 feet of drill; ten to twelve pounds an acre.

This is best developed and most tender and succulent when grown in very rich soil. For summer use sow early in spring in drills fifteen inches apart, and make successive sowings every two weeks. For spring use sow in September and cover lightly in November with light litter.

LONG STANDING. Stands longest before running to seed. Dark Green. Pkt. .05c; oz. .10c; ¼ lb. .15c; lb. .30c.

BLOOMSDALE SAVOY LEAVED. Leaves curled and crinkled like a Savoy Cabbage. Hardest and most productive sort. Pkt. .05c; oz. .10c; ¼ lb. .15c; lb. .30c.

THICK LEAVED ROUND. Large, thick dark green crimped leaves which remain a long time before going to seed. Pkt. .05c; oz. .10c; ¼ lb. .15c; lb. .30c.

PRICKLY OR WINTER. Vigorous and hardy. Pkt. .05c; oz. .10c; ¼ lb. .15c; lb. .30c.

GIANT THICK LEAF. Leaves very large, thick and deep green. Pkt. .05c; oz. .10c; ¼ lb. .15c; lb. .30c.

NEW ZEALAND. New and distinct; grows well during hot weather. Pkt. .05c; oz. .15c; ¼ lb. .30c; lb. \$1.00.

SQUASH

Small seeded sort, one ounce to fifty hills; large seeded sort, one ounce to fifteen hills.

If by mail in quantities of eight ounces and upwards, postage must be added at the rate of 8 cents per pound.

Being somewhat tender, squashes should not be planted till all danger from frost has passed. They delight in a warm, thoroughly pulverized, very rich soil. Plant in hills in May, mixing with the soil in each hill a shovelful or two of rotted manure. For bush varieties the hills should be from five to six feet apart; for running sorts, ten feet apart. Put eight or ten seeds in each hill, and when well grown, thin, leaving two or three of the strongest plants in each hill.

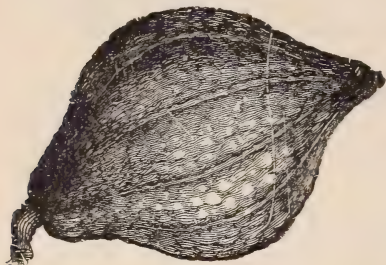
GIANT SUMMER CROOKNECK. Double the size of the ordinary Crookneck and very warty, but similar in other respects. Pkt. .05c; oz. .10c; ¼ lb. .20c; lb. .60c.

ESSEX HYBRID OR HARD SHELLLED TURBAN. A standard winter sort; flesh a trifle darker than the Hubbard; an excellent keeper. Pkt. .05c; oz. .10c; ¼ lb. .25c; lb. .75c.

BAY STATE. Has a hard green shell, excellent for fall and winter use. Pkt. .05c; oz. .10c; ¼ lb. .25c; lb. .75c.

SQUASH—Continued

BOSTON MARROW. Fine fall variety, oval, bright orange, flesh yellow and firm, best for pies, and also for canning. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c; lb. .75c.



Improved Hubbard Squash.

IMPROVED HUBBARD. The well-known and standard late variety; our strain is excellent. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c; lb. .75c.

METCALF. Similar to Boston Marrow but much earlier. Has a great local reputation and brings a better price in market than any other. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c; lb. .75c.

WARTED HUBBARD. A superior strain of mammoth size and entirely covered with warty excrescences. Rich, dark green color and of very best quality. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .25c; lb. .75c.

IMPROVED MARBLEHEAD. Resembles the Hubbard but is earlier; has a gray, hard shell; a very popular winter sort. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

EARLY WHITE BUSH SCALLOPED. Standard summer variety, good for home or market. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

WINTER CROOKNECK. Yellow skin, a well-known old fashioned variety. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

PIKES PEAK OR SIBLEY. A very productive variety, maturing at same time as the Hubbard; flesh solid and of a rich golden orange color. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

TOMATO

There are about two thousand Tomato seeds in an ounce.

Sow thinly about the first week in March in hot-bed, greenhouse, window or sitting-room, where the temperature is never below sixty degrees. When two inches high set out the plants in boxes, about four inches apart, or pot singly. If again transplanted before setting out, the plants will be greatly benefited. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. For early tomatoes choose a sunny knoll and light, sandy loam, if possible. If the vines are trained on a trellis the fruit will be finer and larger.



Haskell's Special.

HASKELL'S SPECIAL. One of the earliest and best bright Red Tomatoes grown; large size; smooth; heavy yielder and excellent quality. Pkt. .10c; oz. .40c; $\frac{1}{4}$ lb. \$1.50.

ACME—(Early). Well-known and generally cultivated. Smooth, and ripens evenly; color purplish red. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

MATCHLESS. Very large, smooth, solid and fine flavor. Cardinal Red. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

ATLANTIC PRIZE. One of the earliest. Smooth, solid and bright red. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

ESSEX HYBRID. A very early sort, color bright pink; large size, solid, rich flavored; very productive; fine market variety. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

TOMATO—Continued

DWARF CHAMPION. An early variety; fruit medium size, resembling the Acme in color. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

LIVINGSTON'S FAVORITE. Smoother than the Paragon, is a darker red than the Perfection; ripens evenly, and is as early as any good variety. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .60c.

LIVINGSTON'S BEAUTY. Very glossy crimson in color, slight tinge of purple; early, free from rot; skin tough, bears handling remarkably well. Pkt. .05c; oz. .20c; $\frac{1}{4}$ lb. .60c.

EARLIANA. Earliest and best bright red Tomato, smooth and firm. Pkt. .10c; oz. .30c; $\frac{1}{4}$ lb. \$1.00.

PONDEROSA. Very large, solid and of good flavor. Specimens have been grown to weigh four pounds. Bright Red. Very few seeds. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

NEW STONE. A large variety of bright scarlet color, ripening evenly to the stem; a good keeper and not subject to rot. Pkt. .05c; oz. .25c; $\frac{1}{4}$ lb. .75c.

RED CHERRY. Fine for pickles and preserves. Pkt. .10c; oz. .25c; $\frac{1}{4}$ lb. .75c.

TREE. Pkt. .10c; oz. .25c; $\frac{1}{4}$ lb. .85c.

YELLOW PLUM. Perfectly smooth yellow sort; much used for preserves, also for pickling. Pkt. .10c; oz. .25c; $\frac{1}{4}$ lb. .75c.

TURNIP

One ounce for 150 feet of drill; one to two pounds in drills, for an acre.

Turnips thrive best in rich, sandy gravelly soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For a succession, sow at intervals of a fortnight until the last week in July from which time until the end of August sowings may be made for the full or main crops.

Early Varieties

EXTRA EARLY PURPLE TOP MILAN—(Flat). The earliest turnip in cultivation and a splendid variety; a favorite with gardeners who want first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .60c.

EXTRA EARLY WHITE MILAN—(Flat). Similar to Purple Top Milan, except color which is pure white. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .50c.

EARLY SIX WEEKS—(Flat). Pure white, very early. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .50c.

Late Varieties for General Crop

RED OR PURPLE TOP STRAP LEAVED—(Flat). The most widely cultivated and best known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground, and a very quick grower. Though used mainly for stock feeding, it is highly esteemed as one of the finest table varieties. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .15c; lb. .40c.

YELLOW STONE. A very popular yellow fleshed variety; fine for table use. Flesh very firm, tender, sweet and fine flavored; an excellent keeper. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .40c.

WHITE EGG. Flesh white. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .40c.



Purple Top Strap Leaf Turnip

TURNIP—Continued

GOLDEN BALL. A rapid grower, of excellent flavor, bright yellow; a good keeper, a superior table variety. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .50c.

AMERICAN STONE. Heavy cropper, rapid grower, egg shaped variety; good either for early or late use; flesh firm, fine grained and sweet; nothing better for table use. Pkt. .05c; oz. .10c; $\frac{1}{4}$ lb. .20c; lb. .50c.

Ruta Baga or Swedish Turnip

SKIRVING'S PURPLE TOP. An old and well-known yellow fleshed variety of large size and fine quality, for stock or family use. Oz. .05c; $\frac{1}{4}$ lb. .15c; lb. .40c.

WHITE SWEET GERMAN. Universally admitted to be the sweetest, mildest flavored and finest grained turnip for table use; solid as a stone, and will remain in this condition until spring if properly cared for; has no equal as a winter turnip. Oz. .05c; $\frac{1}{4}$ lb. .15c; lb. .40c.

CARTER'S IMPERIAL HARDY SWEDE. Resembles Champion Purple Top Swede. Bulbs of large size with purple crown; fine for table or stock. Oz. .05c; $\frac{1}{4}$ lb. .15c; lb. .40c.

BIRD SEED

Add .10c. per lb. for postage.

Canary.—Sicily.	Lb. 8c.	Millet.	Lb. 3c.
Hemp.	Lb. 8c.	Cuttle Fish.	Oz. 5c.; lb. .40c.
Rape.—German.	Lb. 8c.	Bird Gravel.	Pkt. 5c.
Sunflower.—Russian.	Lb. 8c.	Unhulled Rice.	Lb. 10c.

TOBACCO

CONNECTICUT SEED-LEAF. Best adapted for the climate of the Northern and Middle States. Pkt. .05c; oz. .30c.

SWEET, POT, and MEDICINAL HERBS

These are of easy cultivation. As a rule it is best to cut Herbs when in flower, wilt in the sun and thoroughly dry in the shade.

Anise.—Hardy annual.	Pkt. 5c; oz. 15c.	Rosemary.—Perennial.	Pkt. 5c; oz. 25c.
Balm.—Hardy, herbaceous, perennial.	Pkt. 5c; oz. 25c.	Rue.—Perennial.	Pkt. 5c; oz. 15c.
Caraway.—Hardy bi-annual.	Pkt. 5c; oz. 10c.	Sage.—Hardy perennial.	Pkt. 5c; oz. 15c.
Coriander.—Hardy annual.	Pkt. 5c; oz. 10c.	Saffron.	Pkt. 5c; oz. 15c.
Catnip.	Pkt. 5c; oz. .25c.	Summer Savory.—Hardy annual.	Pkt. 5c; oz. 15c.
Dill.—Biennial.	Pkt. 5c; oz. 10c.	Winter Savory.	Pkt. 5c; oz. 15c.
Horehound.—Perennial.	Pkt. 5c; oz. 15c.	Thyme.—Hardy perennial.	Pkt. 5c; oz. 25c.
Marjoram.—Sweet, annual.	Pkt. 5c; oz. 15c.	Wormwood.—Perennial.	Pkt. 5c; oz. 20c.

Northern Grown Grass Seeds

These seeds offered under our Purity brand are selected for their purity and vitality and it is only northern grown seeds possessing these two essential qualities which we offer under this brand and you will find them listed below according to their quality graded down from our Purity brand which is always the best.

Timothy

PURITY. Large and clean, will grow strong plants.

PINE TREE. Best medium price seed offered.

BEST PRIME. Much better than prime ordinarily offered.

Prime.

Alfalfa Clover

Alfalfa or Lucerne Clover yields a very heavy crop, grown successfully in the west and middle west and by liming properly drained soil is yielding most satisfactory results in New England and when well started will endure most severe droughts.

PURITY BRAND. This a pure Alfalfa seed which has been developed in Montana and without doubt is the most hardy of any yet offered in the United States.

Prime.

Alsike

It is usually sown with other seeds for hay; a valuable fertilizer if plowed under when in full bloom. Sow 8 to 10 lbs. per acre. Grades we carry, Purity, Choice, Prime.

Crimson Clover

SCARLET OR ITALIAN. Grown in pastures and for turning under. Very deep rooting. Sow 10 to 15 lbs. per acre.

Mammoth Peavine Clover

Similar to Red Clover but makes larger growth with heavier stock. Sow 8 to 10 lbs. per acre.

Red Clover

Our Purity Brand of Red Clover is also a northern grown seed, very large, well colored, and the purest obtainable. Fre-

quent analyses of this brand pronounces it about 100 per cent. pure. Lower grades at lower prices.

White Clover

PURITY BRAND. Selected especially for Lawns.

PRIME WHITE CLOVER. For Lawns and Pastures.

Red Top

Solid Seed sown with other seeds in heavy damp soil 10 to 12 lbs. per acre.

RED TOP—(Chaff). Sow 30 to 40 lbs. per acre.

Millets

HUNGARIAN. Used for hay and forage. Sow 40 to 50 lbs. per acre between the first and middle of June. Yields heavily and when well cured is excellent hay for cattle increasing the flow of milk.

JAPANESE. This grows very tall, yielding heavily, and the demand for it is increasing rapidly. Sow 25 lbs. per acre. Drills 15 lbs.

SIBERIAN. Very similar to the Hungarian maturing about the same time but leaves are unusually wide and tender, starting close to the ground continuing nearly to the top of the stem, yielding more heavily, making it in many respects preferable to other millets. Sow 20 to 25 lbs. per acre.

Seed Grown for Fodder and Fertilizing

COW PEAS. Green for fodder and often plowed under for fertilizing and found one of the most valuable of the green crops for this purpose, and gathering large quantities of nitrogen from the atmosphere enables the farmer to dispense with the use of fertilizer; enriches the soil without the use of ammoniated fertilizers. Sow 60 lbs. per acre broadcast, 30 lbs in drills.

FODDER SEEDS—Continued

DWARF ESSEX RAPE. Strong, hardy forage plant. Will grow in almost any soil, lasting until very late in the season and is excellent for fattening stock. Sown in May will be ready for pasturing in July or August and when sown in June often furnishes excellent pasturage and fodder in the fall. It is often sown for a second crop following an early crop of potatoes. Sow broadcast 4 lbs. per acre, in drills 2 to 3 lbs.

Grasses

ORCHARD GRASS. Grown in shady places for hay, and in wooded upland pastures. Sow 30 to 38 lbs. to the acre.

KENTUCKY BLUE GRASS. For lawns and pastures. Sow 30 to 40 lbs. per acre.

ENGLISH BLUE GRASS, MEADOW FESCUE. For lawns and pastures. Sow 30 to 40 lbs. per acre.

WOOD MEADOW. For pastures and lawns, wet or shaded. Sow 30 to 40 lbs. per acre.

ENGLISH RYE GRASS. For pastures and lawns, wet or shaded. Sow 30 to 40 lbs. per acre.

RHODE ISLAND BENT. For pastures and lawns on light, loamy soil. Sow 30 to 40 lbs. per acre.

MEADOW OAT GRASS. For hay or upland pastures. Sow 40 to 50 lbs. per acre.

SHEEP'S FESCUE. For sheep pastures. Sow 30 to 40 lbs. per acre.

CRESTED DOG'S TAIL. A strong, hardy Grass for dry upland play-grounds, lawns, or golf links. Sow 30 to 40 lbs. per acre.

SWEET VERNAL. Annual. Used in lawn mixtures.

Grains

Our grains are grown and cured almost entirely for seed purposes and come to us through the largest seed house in America, which has a reputation which is unsurpassed for quality.

TWO-ROWED BARLEY. Montana grown, large and white.

BEARDLESS BARLEY.

OATS. Large White Mountain; heaviest yielder we know of. Send for samples of these oats as they are certain to please you. While the original cost may be more than for Elevator oats, the returns will be more than double and you will not be filling your fields with poor seed.

SILVER MINE OATS. Native grown clean seed. An excellent cropper and has given splendid satisfaction the past season. Send for samples and prices.

SPRING RYE.

WINTER RYE.

WINTER WHEAT.

SPRING WHEAT.

BUCKWHEAT.

INDIA WHEAT.

RAFFIA

*From the Palm *Raphia Ruffia*
Growing in Madagascar*

It has primate leaves 20 to 30 feet long upon a moderate trunk. The cuticle is peeled from both sides of the leaf stalk for use as a fibre. It is largely used by market gardeners for tying vegetables and there is a growing demand for Raffia in all colors, for basketry and fancy work. In the selection of the colored fibre for basketry one should be careful to secure only vegetable dyed, as aniline dyed soon fades.

RAFFIA—(Natural).

For gardeners. Lb. 18c.

RAFFIA—(Natural).

Select for basketry. Lb. 25c.

RAFFIA (All Colors).

Select for basketry. Vegetable dyed.
Oz. 9c; lb. \$1.25.

Table of Weights

	Weight per bushel	Weight to Seed an acre
Asparagus,		1 lb.
Beans, in hill,	60 lbs.	20 to 35 lbs.
Barley,	48 lbs.	95 to 120 lbs.
Beet, Garden,		6 lbs.
Beet, Mangel Wurzel,		6 lbs.
Buckwheat,	48 lbs.	30 to 60 lbs.
India Wheat,	48 lbs.	30 to 60 lbs.
Canary Seed,	60 lbs.	
Rye,	56 lbs.	84 lbs.

CLOVER SEEDS:

	Weight per bushel	Weight to seed an acre
Alfalfa,	60 lbs.	10 to 15 lbs.
Alsike,	60 lbs.	8 to 10 lbs.
Crimson,	60 lbs.	10 to 15 lbs.
Red,	60 lbs.	8 to 14 lbs.
Pea Vine,	60 lbs.	8 to 10 lbs.

CORN.

Corn, in hills,	56 lbs.	14 to 18 lbs.
Corn, in drills,	56 lbs.	75 lbs.
Corn, broadcast,	56 lbs.	150 lbs.
Corn, sweet, in drills, for fodder,		75 lbs.
Corn, sweet, broadcast,		150 lbs.
Flax,	56 lbs.	56 to 70 lbs.

GRASS SEEDS:

Crested Dog's Tail,	21 lbs.	50 to 60 lbs.
Fowl Meadow,	14 lbs.	30 to 40 lbs.
Fescue, Meadow,	24 lbs.	30 to 40 lbs.
Fescue, Sheep's,	12 lbs.	30 to 40 lbs.
Kentucky Blue,	14 lbs.	30 to 40 lbs.
Lawn,		40 to 70 lbs.
Meadow Oat,		40 to 50 lbs.
Orchard,	14 lbs.	30 to 38 lbs.
Rye,	18 lbs.	30 to 40 lbs.
Rhode Island Bent,	12 lbs.	35 lbs.
Sweet Vernal,	11 lbs.	30 to 40 lbs.
Timothy,	45 lbs.	12 to 20 lbs.
Wood, Meadow,	14 lbs.	30 to 40 lbs.

MILLETS:

	Weight per bushel	Weight to seed an acre
Hungarian,	48 lbs.	40 to 50 lbs.
Siberian,	50 lbs.	20 to 25 lbs.
German,	50 lbs.	40 to 50 lbs.
Japanese,		40 to 50 lbs.

OATS:

Oats,	32 lbs.	70 lbs.
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PEAS.

Field, Broadcast,	60 lbs.	150 to 180 lbs.
Field, with Oats,		90 to 100 lbs.
Cow, broadcast,	60 lbs.	60 lbs.
Cow, with Oats,		30 lbs.

POTATOES:

Potatoes,	60 lbs.
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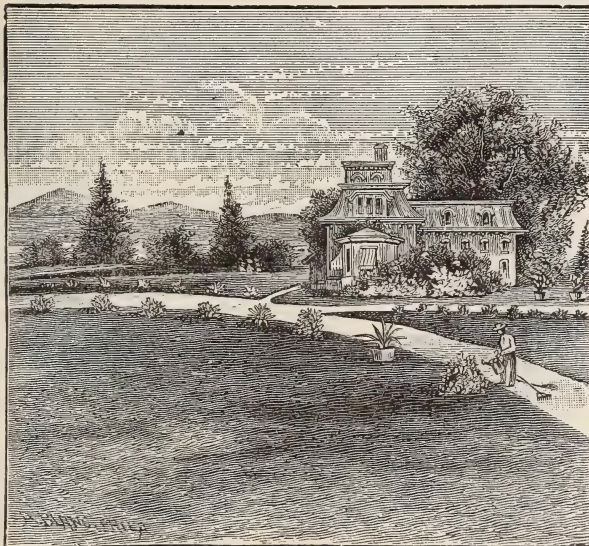
RAPE:

Dwarf Essex,	55 lbs.	2 to 3 lbs.
Common,	50 lbs.	4 lbs.

Lawn Mixtures

BEST PRIME LAWN MIXTURES. Containing Chaff Red Top, as nearly all known mixtures do. 15c. per lb.

"PURITY" LAWN SEED. Prepared only from Extra Choice Solid Seeds—free from Chaff. Sold in lb. pkgs. only. 25c. per lb.

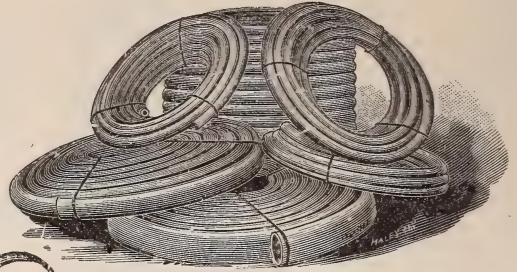
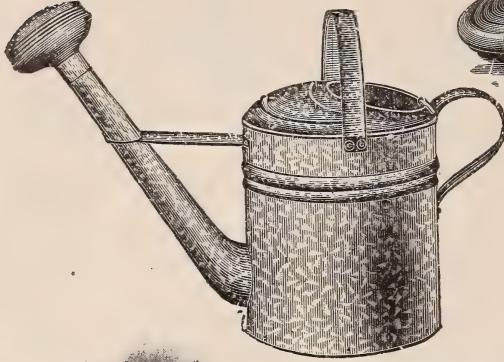


Miscellaneous

Rubber Garden Hose

All grades $\frac{1}{2}$ and $\frac{3}{4}$ in.

Prices 10 to 15 cents per foot.



Galvanized Watering Pots

6 quart,	\$.50
8 "	.55
10 "	.65
12 "	.75
16 "	.90

Fancy Galvanized Wire Trellis

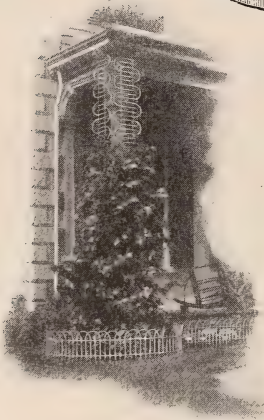
18 in. Wide per foot .08

Fancy Galvanized Wire Flower Bed Guard.

18 in. High per foot .10

Hartman Tree Guards.

No. 1. 6 ft., each \$1.00.



Fruit Pickers.

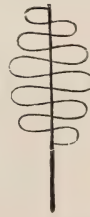
No. 5 .25



Hazeltine Hand Weeder.

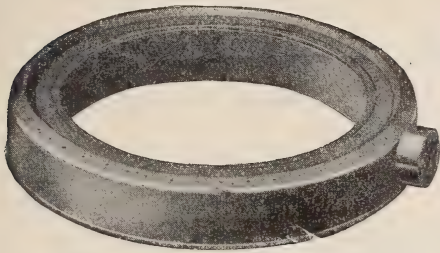
Trellises.

No. 00,	18 in.,	3 1/2 wide,	\$.05
No. 00,	20 "	8 "	.08
No. 0 1/2,	24 "	7 1/2 "	.20
No. 1,	30 "	10 "	.25
No. 3,	36 "	12 "	.45
1 1/2,	ft. Fan,	7 in "	.10
2 "	" "	10 "	.15
2 1/2 "	" "	13 "	.20
3 "	" "	16 "	.45
4 "	" "	27 "	.65
6 "	" "	38 "	1.00
8 "	" "	46 "	1.25
6 "	Veranda,	18 in. wide,	.95
8 "	" "	18 "	1.25
10 "	" "	20 "	1.75



The Hazeltine Hand Weeder is by far the best and most practical Weeder for all kinds of vegetables and flowers ever invented. Especially adapted to the weeding of Onions and Sugar Beets. It pays for itself every hour it is used, in the home or market garden.

Price \$.25



Scolly's Bulb Sprinklers.

No. 2,	size,	12 oz.,	\$.85
No. 3,	size,	7 oz.,	.70
No. 4,	size,	4 1/4 oz.,	.50
No. 1,	Angle Neck,	12 oz.,	1.00
Insect Powder, 12 oz.,			1.00



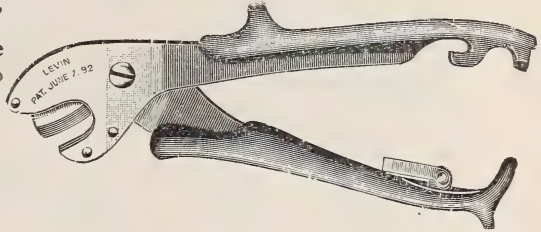
Bulb Sprinkler.

The "Fountain" Lawn Sprinkler.

One of the Really Good Things,

Made entirely of brass, no moving parts,
nothing to get out of order.

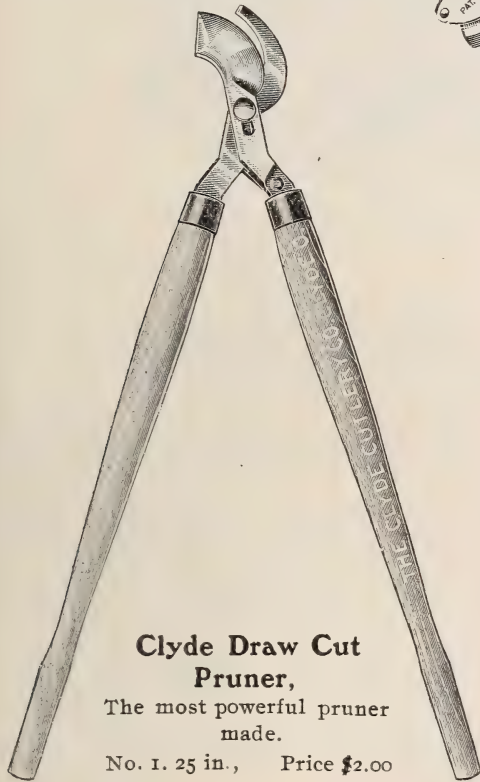
More beautiful than a fountain—more
efficient than a shower. Price \$1.00



Levin Pruning Shears.

No. 23. Price \$.50

No. 24. Price .65



Clyde Draw Cut Pruner,

The most powerful pruner
made.

No. 1. 25 in., Price \$2.00



Water's Tree Pruner

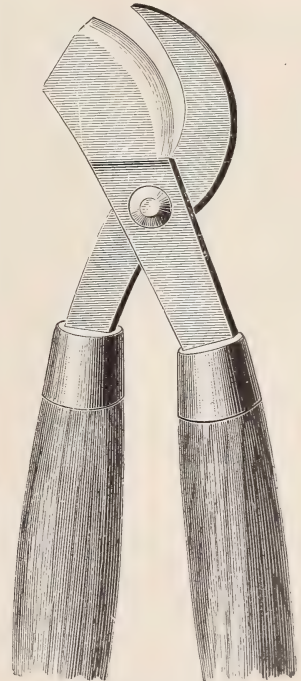
Water's Tree Pruners.

Very useful for trimming trees and
cutting down moths nests.

8 foot, Price \$.90

10 " " 1.00

12 " " 1.15

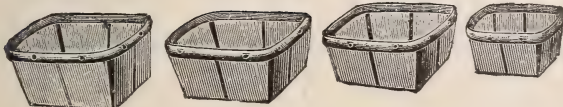


Rockdale Pruner

Rockdale Pruners

No. 35. 26 in., Price .75

No. 38. 41 in., " \$1.00

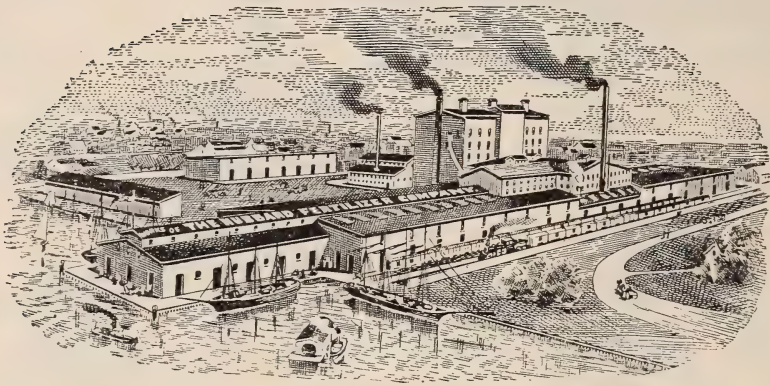


Berry Baskets

Pansy Baskets

Berry Baskets, Pansy Baskets, all styles and sizes. Write for prices.

Fertilizers, Chemicals, Insecticides and Fungicides



HUBBARD'S BONE AND BLOOD FERTILIZERS.

There are so many goods being made to-day in the cheapest possible way, that we can demonstrate to your satisfaction, the superiority of this brand. They cost more to make than others because the ammonia is derived from blood, fish, sulphate of ammonia, nitrate of soda and tankage, and not from ground leather, scrap, hoof meal, hair and similar insoluble forms of ammonia, which are used by many other manufacturers. The Phosphoric Acid used in Hubbard's Fertilizer is derived from dissolved bone instead of dissolved rock, and in consequence is said to be more valuable. The Potash is derived from High Grade Muriate and Sulphate.

HUBBARD'S ESTABLISHED BRANDS.

We enumerate herewith a list of the brands carried by us, showing their

guaranteed analysis. The actual analysis has exceeded these figures.

TRUCKERS' 5 PER CENT. ROYAL SEAL COMPOUND.

For Potatoes, Cabbage, Peas, Beans, Onions, Melons and other vegetables.

Analysis.	Per Cent.
Ammonia,	5.00 to 7.00
Available Phosphoric Acid,	6.00 to 8.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	18.00 to 22.00
Potash,	5.00 to 6.00
Equal to Sulphate of Potash,	9.00 to 10.80

Ammonia derived from Bone Tankage, Blood, Fish, Nitrate of Soda and Sulphate of Ammonia.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Muriate and Sulphate.

Price per ton, \$41.00; per 100 lbs., \$2.15.

HUBBARD'S FERTILIZERS---Continued

ROYAL ENSIGN.

For Tobacco, Tomatoes, Cabbage, Peas, Beans, Horseradish, Corn, Wheat, Oats, Barley and Grass.

Analysis.	Per Cent.
Ammonia,	3.00 to 4.00
Available Phosphoric Acid,	8.00 to 10.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	20.00 to 26.00
Potash,	4.00 to 5.00
Equal to Sulphate of Potash,	7.20 to 9.00

Ammonia derived from Bone Tankage, Blood, Fish, Nitrate of Soda.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Muriate and Sulphate.

Price per ton, \$33.00; per 100 lbs., \$1.75.

B. B. P. BLOOD, BONE AND POTASH.

For Potatoes, Cabbage, Peas, Beans, Onions, Melons and other vegetables.

Analysis.	Per Cent.
Ammonia,	4.00 to 6.00
Available Phosphoric Acid,	8.00 to 10.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	20.00 to 26.00
Potash K. O.,	7.00 to 9.00
Equal to Sulphate of Potash,	12.60 to 16.20

Ammonia derived from Bone Tankage, Blood Nitrate of Soda and Fish.

Phosphoric Acid from Dissolved Bone.

Potash from Muriate of Potash and High Grade Sulphate.

Price per ton, \$39.00; per 100 lbs., \$2.05.

FARMERS' I. X. L. SUPER-PHOSPHATE.

For Tomatoes, Cabbage, Corn Potatoes and other vegetables.

Analysis.	Per Cent.
Ammonia,	2.00 to 3.00
Available Phosphoric Acid,	8.00 to 10.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	20.00 to 26.00
Potash K. O.,	2.00 to 3.00
Equal to Sulphate of Potash,	3.60 to 5.40

Ammonia derived from Bone Tankage, Blood, Fish and Nitrate of Soda.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Sulphate.

Price per ton, \$28.00; per 100 lbs., \$1.50.

SOLUBLE BONE AND POTASH.

For Corn, Wheat, Rye, Oats, Barley and Grass.

Analysis.	Per Cent.
Available Phosphoric Acid,	10.00 to 12.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	24.00 to 30.00
Potash K. O.,	2.00 to 3.00
Equal to Sulphate of Potash,	3.60 to 5.40

Phosphoric Acid derived from High Grade Tennessee and Florida Pebble Rock. Potash from High Muriate and Sulphate.

Price per ton, \$20.00; per 100 lbs., \$1.10.

Nitrate of Soda
 Muriate of Potash
 High Grade Sulphate of Potash
 Sulphate of Ammonia
 Kainit
 Dissolved Bone Black
 Plain Superphosphate
 Tankage
 Fine Ground Bone
 Plaster

Prices upon application.

CANADA HARD WOOD ASHES.

We can supply Pure Canada Hard Wood Ashes in any quantity. Our ashes are collected from house to house where hard wood is used for fuel and are strictly pure.

Prices upon application.

AGRICULTURAL LIME.

Is your land sour? Does it yield poorly?
 Is it worn out? Then apply

R-R AGRICULTURAL LIME

Manufactured by

Rockland-Rockport Lime Co.

Rockland, Maine.

Prepared especially for Farmers' use, put up in jute sacks. It is ready for immediate use, no slacking being required. It will keep indefinitely, in a dry place, and is fine and uniform, so that it can be applied with a spreader if desired. Lime neutralizes the acid, causes clay soils to become more pliable and sandy soil to become more compact. Lime by itself will not sustain fertility, but increases the efficiency of fertilizers which may be applied. Per 100 lbs., .45c.; per ton, \$8.50.

HASKELL IMPLEMENT AND SEED CO'S. PREPARED BORDEAUX.

It is exactly right for the purpose, and is ready for immediate use, and there is no waste. Requires no slacking or preparation of any sort, hence a great saving of time and labor. Will keep any length of time without deterioration. Per hundred, .80c.; per ton, \$14.

ARSENATE OF LEAD.

Important Advantages of Arsenate of Lead Over Paris Green are as Follows:

It comes in paste form, is easily dissolved or suspended in water, is safely handled, and is applied without danger to man or beast in the process of application. It is about the same specific gravity of water, and therefore remains in suspension even during its application. It can be used of



any strength on the most delicate foliage or fruits without danger of injury to them. This one property makes it pre-eminently the insecticide for the truck grower, who has so many delicate foliage crops to protect. It has the property of adhesiveness. It is of such consistency that once it has had time to dry on the plants after being applied, ordinary rains do not wash it off and it remains effective for longer period. A few hours of bright sunshine after application suffices to dry it well. Instances are on record where drenching rains have followed shortly after applications were made, and yet the insects ravaging the crops afterwards were destroyed. Had this been an application of Paris Green, the time, labor and cost of material would largely have been a loss. One lb. Tins, .20c.; 5 lb. Pails, per lb., 18c.; 100 lb. Kegs, per lb., .15c.



Pat. March 16 and Nov. 9, 1897.
 Pat. in Canada Nov. 2, 1897,
 and Jan. 25, 1900.

BUG DEATH.

This non-poisonous Insecticide and Plant Food is now too well known to need any detailed description.

Prices.

1 Lb. Pkg.	.	.	.	\$0.15
3 Lb. Pkg.	.	.	.	.35
5 Lb. Pkg.	.	.	.	.50
12 Lb. Boxes	.	.	.	1.00
100 Lb. Kegs	.	.	.	7.50
Dickey Bug Death Duster	.	.	.	.25



Directions for Spraying One Acre of Potatoes with Bug Death.

Fill a pail or bucket, holding about 12 quarts, half full of water. Stir 15 to 25 lbs. Bug Death into this water (the larger amount will pay best). Fill sprayer tank nearly full with clear water (not too cold), then pour Bug Death from bucket into tank and start machine at once, being sure that agitator is working properly.

Directions for Spraying One Acres of Potatoes with Bug Death and Bordeaux Mixture.

Dissolve 6 lbs. copper sulphate (blue vitrol) in 6 gallons of water. Slack 6 lbs. lump lime, slowly adding water as it slacks, being careful not to burn the lime. When thoroughly slacked strain it through about a No. 50 wire strainer to remove any lumps before it goes into sprayer. When ready to spray, fill tank two-thirds full of clear water (not too cold) and add the 6 gallons blue vitrol water. Next put in 15 to 25 lbs. Bug Death (first mix Bug Death in pail of water, same as under directions for using Bug Death alone). Fill tank almost full of clear water; lastly put in the lime water. Stir well with a stick and start machine at once, being sure that agitator is working properly. Bug Death kills all insects and being very adhesive holds the mixture on to the vines throughout the season, and can be applied in damp weather as rain will not wash it off.

The above solution, if properly applied, will positively prevent blight on potatoes, tomatoes, etc.

IF USED DRY. Apply with Dickey Bug Death Duster, or a cloth bag of right mesh; 12½ to 25 lbs. per acre per application. The more freely used the better the plant will thrive. Dust plant evenly and thoroughly. Cloth bag mailed FREE on application.

DR. GEO. LEININGER'S LIQUID FORMALDEHYDE.

For the prevention of Smuts in Wheat, Oats, Barley, all Cereal Grains, and Potato Scab. It is also a specific for the prevention and cure of Hog Cholera and makes a most excellent disinfectant.

Price 50 cents per pound with full directions.



BOWKER'S AMMONIATED FOOD FOR FLOWERS.

A dressing made especially for plants grown in the home, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich, and brilliant color, and healthy, luxuriant plants, free from vermin.

No. 1 Package—Sufficient for thirty ordinary sized plants for three months, 15 cents.

No. 2 Package—Sufficient for thirty ordinary sized plants for one year, 25 cents.

BRADLEY'S PLANT FOOD.

For House Plants.

Perfectly odorless and clean. Each package contains a pamphlet on the treatment of house plants with directions for applying the fertilizer. Per lb., .10c.



LEGGETT'S DRY BORDEAUX MIXTURE.

After an experience of thirteen years with Dry Bordeaux Mixture, we are warranted in recommending its use. It is made by standard formula in the usual way, and the water evaporated. A barrel of Liquid Bordeaux can be made in about ten minutes by using 10 lbs. of Dry Bordeaux to 50 gal. barrel of water.

1 Lb. Boxes, per lb., .	.17
5 Lb. Boxes, per lb., .	.17

LEGGETT'S DRY BORDEAUX MIXTURE AND PARIS GREEN COMPOUND.

This Compound has proved very successful during 13 years past. Cheaper than Paris Green, it kills the bugs, and defends against flea beetles and blight.

1 Lb. Boxes, per lb.,27

ADLER'S PASTE BORDEAUX MIXTURE.

2 Gal. Kits, each, \$1.00
5 Gal. Kits, each, 2.25

trade—STERLINGWORTH—name BORDEAUX MIXTURE.

We consider this the best ready-made Bordeaux Mixture on the market. It is mixed by machinery which insures a thoroughly agitated, even mixture. It is full strength and Chemically pure. Does not clog the nozzle and adheres to the leaves and foliage longer than improperly compounded mixtures.

One gallon makes 50 gallons of spray by adding 49 gallons of water.

Prices: Quart cans, 35 cents; gallon cans, \$1.00 each.

Larger quantities a matter for correspondence.

LEGGETT'S SHEEP DIP.

½ Gal. Cans, each,60

COOPER'S SHEEP DIP.

25 Gal. Pkg., each,50



PURE PARIS GREEN.

ANSBACHER'S

REYNOLDS'

LEGGETT'S

The price of paris green not being established at the time of going to press, we will be pleased to quote prices on application.

trade—STERLINGWORTH—name HELLEBORE.

Is an absolutely pure article, ground from prime fresh roots. It is stronger than the ordinary Hellebore offered by Seedsmen and is put up in a patent sprinkler-top box, making it easy to use. This patent box is so constructed that the



perforations forming the sifter top can be closed after using so that the strength of the contents remaining unused may be conserved.

No preparation is so satisfactory and generally effective against Rose Slugs, Currant Worms and similar pests as pure Hellebore, but it must be pure and strong to give good results. You will see a great difference in the strength of this Hellebore and that you have used.

Prices: ¼ lb. package, 10 cents; ½ lb. package, 15 cents; 1 lb. package, 25 cents; bulk, 18 cents per lb.

LEGGETT'S PURE POWDERED HELLEBORE.

1 Lb. Pkg.,20
½ Lb. Pkg.,12

Chloride of Lime

Sulphate of Copper

Sulphur

Pine Tar

Lye or Potash

Sulphate of Iron

Tobacco Stems

Coal Tar

STERLINGWORTH WHALE OIL SOAP.

Sterlingworth Whale Oil Soap is a most effective, reliable, simple and cheap preparation for destroying San Jose Scale, Plant Lice and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. The efficiency of this Soap is further increased

by the addition of tobacco extractive matter and potash. The preparation thus compounded possesses all the virtues of Whale Oil Soap, and in addition, the valuable insecticide properties of tobacco and potash, making it doubly valuable.



Full directions for use on each package.

Prices: 1 lb. box, .15c.; 5 lb. box, .50c.; 10 lb. box, .90c.

trade—**STERLINGWORTH**—name
WEED KILLER.

Sterlingworth Weed Killer is the most satisfactory and powerful weed killer, compounded especially for use on walks, drives, tennis courts, golf links, etc., etc. It is a dry powder to be dissolved in water. When applied to vegetation it completely destroys all kinds of weeds, grass (including milk weed and witch grass), briars, burdock, dandelions, daisies, thistles, poi-



son ivy and other objectionable vegetable growths. One application kills roots, as well as foliage, preventing further growth. It may be applied with an ordinary watering can. One gallon covers three or four square yards. Full directions on each package.

Prices: 1 lb. package makes 15 gallons, covers 45 to 60 sq. yds, 50 cents; 3 lb. package makes 45 gallons, covers 130 to 180 sq. yds., \$1.25; 5 lb. package makes 100 gallons, covers 300 to 400 sq. yds., \$2.00.

HAMMOND'S "SLUG SHOT."
Used from Ocean to Ocean.

A light, composite, fine powder, easily distributed either by duster, bellows, or

in water by spraying. Thoroughly reliable in killing Currant Worms, Potato Bugs,



Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and it is also strongly impregnated with fungicides.

5 lb. pkg., price, .25c.

**GENUINE TROWBRIDGE GRAFTING
WAX.**

1 lb. pkg.,	.25c.
½ lb. pkg.,	.15c.
¼ lb. pkg.,	.10c.

PURITY XXX HARVESTER OIL.

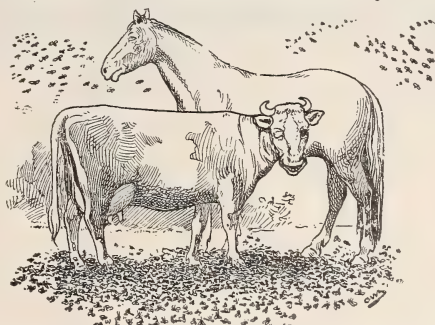
PURITY XXX SEPARATOR OIL.

Write for prices.

EUREKA FLY KILLER.

Means death to the flies, comfort to the stock and money to the farmer. Quality tells.

The inventor of the Eureka Fly Killer



introduced it to the farmers in 1898.

It took the lead then. It stands at the head to-day. Steadily gaining in favor until it is used from Maine to California.

Has had many imitators but never an equal.

Many dealers are abandoning all other makes and handling Eureka only. We found it to our interest to do the same and have sold more of Eureka than all others combined.

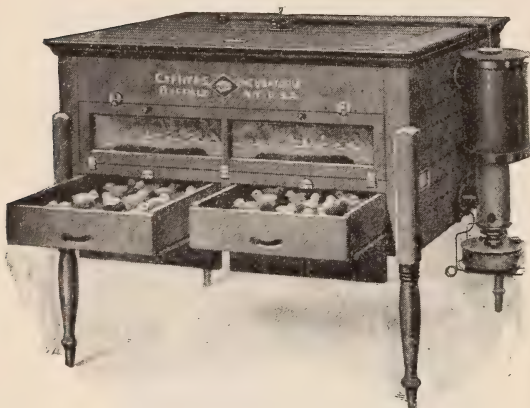
POULTRY SUPPLIES

We sell the Genuine Cyphers Incubators

Reasons why you should buy a genuine patent-diaphragm, non-moisture self-ventilating and self-regulating standard Cyphers Incubator
Latest pattern

ARTIFICIAL INCUBATION.

Years of experience have demonstrated that many advantages of artificial incubating and brooding over the old method,—the hen. The experimental stage has been passed, and the poultryman of today has but to decide which make of machine to buy—the one that will hatch the largest number of strong, vigorous, healthy chicks from a given number of fertile eggs, and with the least amount of expense and labor; also the brooder best equipped for taking care of the new life as soon as it is ready to leave the incubator.



The best possible test of an incubator is the work it actually does in the hands of the average operator. Tens of thousands of Cyphers Incubators have been sold since they were placed on the market, and their merit is attested in the following:

Warrant of Superiority:—Every genuine patented Standard Cyphers Incubator, latest—pattern, is positively guaranteed as follows:

First:—To require no supplied moisture under normal conditions, thus solving and

disposing of the troublesome “moisture question.”

Second:—To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

Third:—To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

Fourth:—To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

Fifth:—To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

Sixth:—To be easy to set up and positively automatic in operation (except as to trimming the wick, filling the lamp and turning the eggs,) and to operate with less labor and expense than any other make of incubator.

Seventh:—To be in all essentials the easiest and simplest to operate and control, requiring less attention than any other make or style of incubator in the world.

Eighth:—To produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator.

Ninth:—That when it is run in competition with any incubator of a different make, it shall in three or more hatches, bring out a larger average percentage of the fertile eggs in good, healthy chicks and ducklings than does its competitor.

Tenth:—That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

THE WORLD'S STANDARD HATCHER.

The genuine Standard Cyphers Incubators are not an experiment. They have been before the public ten years, and have received the benefit of ten years improvements. Their fame has grown until they are now acknowledged to be the "World's Standard Hatchers."

The latest-pattern Standard Cyphers Incubator represents the highest degree of excellence yet achieved in incubators, both in principle and mechanical construction. It overcomes practically every defect, every inconvenience, and every objection urged to artificial incubation as performed by machines of other types. It not only is more convenient to operate; it not only consumes less oil; it not only is safer; it not only hatches a larger percentage of the eggs entrusted to it, but it produces larger, stronger, healthier and more vigorous chicks and ducklings than any incubator ever built. This is our guaranty to the poultry fraternity.

Standard Cyphers Incubators are used on more Government Experiment Farms, on more successful, large, commercial poultry plants, and by more successful fanciers, than all other incubators combined.

The Standard Cyphers is a hot-air incubator, and therefore, does not possess a tin, galvanized-iron or copper tank to rust out, spring a leak and water soak the machine, thereby injuring or ruining the wood-work. The improved regulator or thermostat used in the latest-pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability.

All sizes of the latest-pattern Standard Cyphers Incubators are equipped with a "drop-bottom" for supplying ventilation when the incubator is operated during the warm months of May, June, July and August. This new and valuable feature enables the operator to meet all conditions of weather.

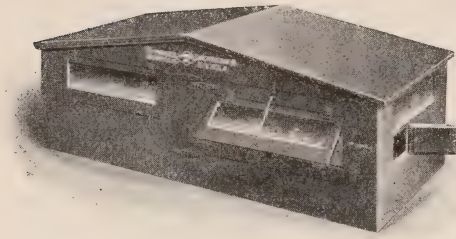
The No. 2 and No. 3 latest-pattern Standard Cyphers Incubators are furnished with nursery drawers, the drawers occupying the nursery space underneath the egg trays, and are reached through solid wooden doors located below the glass panel door that opens into the upper portions of the hatching chambers where the egg trays are situated. These drawers will be found of great convenience in removing the chicks and ducklings from our large-size incubators as often as it may be deemed advisable without interfering in any way with the remainder of the hatch.

Cyphers Company Incubators are the only machines manufactured that lawfully can be equipped with our patented removable diaphragms, by use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate and so certain in results that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial because the machine itself solves the "moisture problem" for them; in other words, we place in their hands a practically automatic hatcher, leaving nothing to chance or inexperience.

By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators f. o. b. Lewiston at exactly factory prices as follows:

No. 0,	66-egg size,	\$14.00.
No. 1,	140-egg size,	21.00.
No. 2,	240-egg size,	30.00.
No. 3,	390-egg size,	36.00.
Farm Economy,	110-egg size,	12.00.
Boy's Choice,	50-egg size,	7.50.

CYPHERS STYLE A, THREE APARTMENT, OUTDOOR BROODERS AND COLONY HOUSE.



The Cyphers Style A Brooder furnishes an outdoor home for little chicks that is as near weather-proof and neglect proof as can be bought and sold at a popular price. We have manufactured these brooders during the past nine years and the best proof of their merit is that tens of thousands have been sold and are giving the best of satisfaction.

Briefly, the special points of merit in the Style A Brooder may be summed up as follows:

First:—It is rain-proof and storm-proof, and the roof of both the hover chamber and feeding and exercising apartment being covered first with Cyphers Red rope roofing paper and then with a specially-prepared heavy weight, water-proof duck.

Second:—It is fire proof, being equipped with the Cyphers Insulated Brooder Stove, and the entire floor of the hover chamber being protected underneath by a solid sheet of galvanized iron with an air space between it and the wooden floor.

Third:—The fumes from the brooder stove cannot pass into the chick chambers (into either apartment,) but are carried out at the sides of the brooder by an infallible device.

Fourth:—The surplus heat from the insulated brooder stove preserves all the

lower woodwork of the brooder, by warming and drying the soil underneath, thus making the brooder not only safer and more comfortable, but more lasting.

Fifth:—The brooder stove is easy of access, being above ground and easily and quickly reached. The flame may be observed without the necessity of stooping over to look through the small mica window in the stove door.

Sixth:—The brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove; hence the saving of labor and in the trouble of caring for the brooder.

Seventh:—When the temperature underneath the chick hover is at 95 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front apartment the temperature will average several degrees lower. The chicks, therefore, may suit themselves, going to and from the heat at will, and will be found to be comfortable at all times.

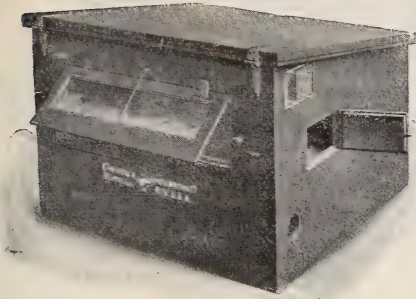
Eighth:—The cylindrical chick guard prevents the chicks from crowding and also prevents their coming in contact with the heat drum or dome, to their injury.

Ninth:—In this Brooder there are no stairs to climb, hence no danger of the little chicks getting lost and becoming chilled while learning their way in and out.

Tenth:—The brooder may be readily converted into a colony house or colony roosting coop without the use of tools or the driving of a nail or screw.

Price, \$15.00.

**CYPHER'S STORM KING OUTDOOR
BROODER AND COLONY ROOSTING
COOP.**



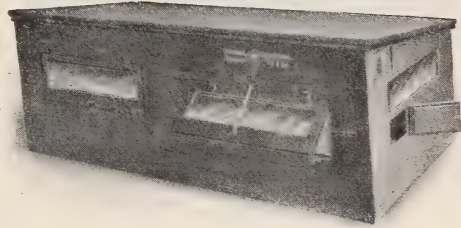
Recognizing the widespread demand for a thoroughly well made practical Brooder than can be sold at a lower price than our Standard Style A or Self-Regulating Brooders, we have devised and perfected the Storm King Brooder. This brooder is lower in price simply because there is less of it—i. e., it has less floor space—not because it is cheaper in quality of materials, inferior in workmanship or wrong in principle of construction.

The Cypher's Storm King Outdoor Brooder, 1907—Pattern, consists of the brooding apartment of the style A and Colony Brooders without the exercising apartment of either, and without the regulating device and double insulation of the Colony Outdoor Brooder. In all other respects—including quality of materials, in workmanship it is identical with the brooding sections of the two larger and higher priced brooders, except that it has a double frame door in front, furnishing light and warm weather ventilation to the interior, instead of the smaller single-frame door used in this section of the other two styles of Cypher's Outdoor Brooders.

The entire floor space of this brooder together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting coop.

Price, \$10.00.....

**CYPHER'S SELF-REGULATING, THREE
APARTMENT, OUTDOOR BROODER
AND COLONY HOUSE.**

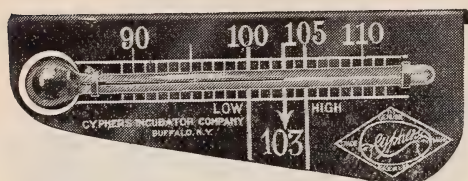


The Cypher's Self-Regulating, Combination Outdoor Brooder and Colony House, 1907-Pattern, possesses every valuable feature that has made the Style A Outdoor Brooder the safest and most popular device on the market together with a number of additions that will recommend it to many purchasers. It differs only in size and shape, and is equipped with a Regulating device that will be of material assistance in maintaining a more uniform temperature underneath the chick hover, especially when exposed to all kinds of weather and in extra cold climates. The heating system in every particular is identically the same as is used in the Style A Brooder. In addition to the valuable features possessed by the Style A Brooder, this brooder is also provided with double-wall insulation for the hover chamber, for use during winter months. When spring arrives, and the weather moderates, this double wall can be removed in five seconds of time, without the use of any tools whatsoever.

The entire floor space of this brooder, together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting crop.

Price, \$18.00.

HIGH GRADE TESTED THERMOMETERS.



Cypher's Incubator Thermometers, for use in Cypher's Incubators, each, postpaid, .60c.

Watertown Incubator Thermometer, .50c.

BROODER THERMOMETERS.

Cypher's unmounted, .50c.

Cypher's Brooder Thermometers mounted on wooden holder, each, postpaid, .50c.

Watertown Brooder Thermometers, .40c.

LAMP WICKS.

For incubator lamps, .25c. per dozen, postpaid. These wicks come in two sizes; state sizes wanted.

Wicks for Brooder Stoves, .20c. per doz., postpaid.

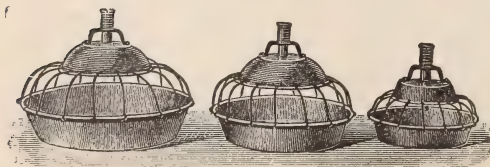
WIRE NESTS.

These nests are strongly made from heavy Japanned steel wire and will last a life-time. They are easy to clean and far superior to the ordinary wood boxes.

Prices, each, .15c.; per doz., \$1.40.

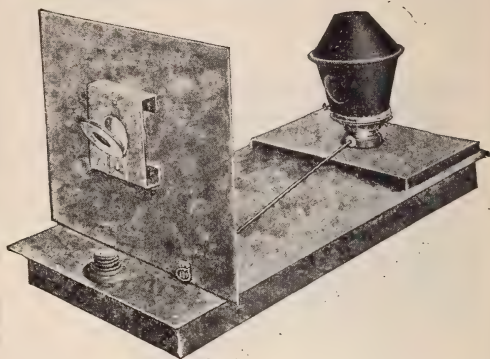
No. 2 Pedigree Trap Nests, each, \$1.50.

HALLOCK'S FOOD AND WATER HOLDERS.



Just the thing to prevent chicks or fowls from getting into the pan and soiling food or water. Remove all danger of drowning the chicks, save food and prevent disease. These food and water holders are made of heavy galvanized iron, rust-proof pans, protected with heavy wire guards. Made in two sizes; small size, one gallon, each, .75c.; medium size, two gallons, each, \$1.

CYPHER'S INSULATED BROODER STOVE



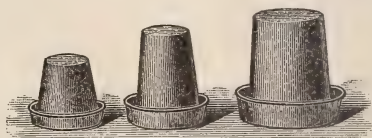
For those desiring to buy brooder lamps, or stoves, we offer the Cypher's Improved Insulated Brooder Stove. This new stove does away with the water jacket or reservoir required on brooder stoves usually sold for the purpose. The Insulating plate of heavy galvanized iron is so placed between the burner and the oil bowl that all heat of the flame is deflected away from the oil reservoir, so that the oil remains cool at all times. The stove has a seamless bottom, hence will not leak. Price, each, \$1.75.

INCUBATOR LAMPS.

No. 0, each,	.75
No. 1, 2 or 3, each,	.90

GALVANIZED IRON DRINKING FOUNTAIN.

These fountains embody every good feature of the up-to-date drinking fountain,



and are acknowledged to be the best in use. They are light, non-breakable, easily cleaned and keep the water clean. Small size fountain is just the right size for brooder use.

Prices, small size, each, .18c.; medium size, each, .25c.; large size, each, .35c.

CYPHER'S PERFECT POULTRY MARKER.

This punch is so simple in construction that it will appeal to all as a practical tool. Cypher's Perfect marker is made especially for the work of marking chicks, makes a good, clear, clean, cut and does not mutilate the web. Price, each, .50c.

THE BEST YET.



Leader Adjustable Leg Bands.

Latest and best adjustable leg band out. Has neat, compact, and smooth fastening with no catching points; easily attached and are absolutely secure. Are made from heavy aluminum and are strong and substantial and will hold their shape much better than bands made from thin, flimsy stock. We guarantee them to give satisfaction.

Made in two sizes: No. 1 for Bantams or Mediterraneans, No. 2 for Americans to Asiatics and turkeys. We number them to order but space is too small for name and address on bands. Not made in Pigeon sizes.

Prices, postpaid: 12, .15c.; 25, .25c.; 50, .40c.; 100, .65c.; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Initials on bands, .5c. for 50 or less; .10c. per 100 extra.

CLIMAX LEG BANDS The "Stay On" Kind.



This is the original brass wire band, with aluminum tag, and more of them have been sold than of any other band ever placed on the market.

We usually number them 1 to 12, 1 to 25, 1 to 50, or 1 to 100, and unless otherwise ordered we send them that way; but can furnish them numbered from 1 to 999, or stamped with initials or year instead of numbers. Not more than three letters or numbers can be stamped on each tag. They are not made in pigeon sizes.

Prices, prepaid by mail or express: 12 for .15c.; 25 for .30c.; 50 for .45c.; 100 for .75c.; 250 for \$1.75; 500 for \$3.25; 1,000 for \$6.

Table of Sizes.

No. 1—For Bantams and small Mediterranean.

No. 2—Mediterranean females.

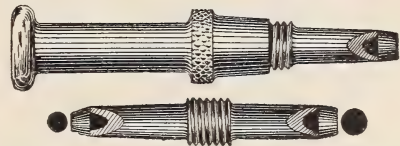
No. 3—Mediterranean males, American females.

No. 4—Large American females, small American males and Asiatic females.

No. 5—American males, Asiatic females, small Asiatic males, Turkeys.

No. 6—Asiatic males and Tom Turkeys.

DAVIS CHICK MARKER.

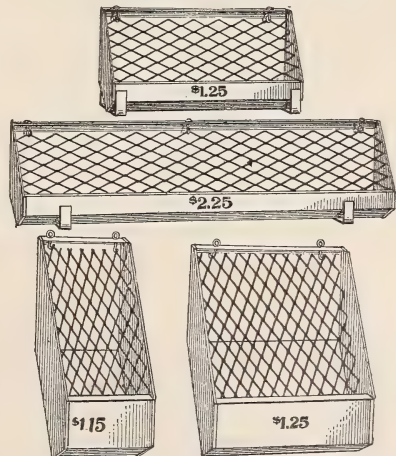


This is a neat little tool which can be carried in the vest pocket. It is nicely nickel plated and weighs only ½ ounce. Punch is reversible and cuts two sizes as shown; thus giving you two tools for the price of one.

Order one today. Price, .25c. each, three for .60c. Postpaid.

THE BOSTON HOPPER.

"THE BOSTON"
POULTRY DRY FEED HOPPER CO.
BOSTON MASS. U.S.A.
PATENTED NOV. 12, '07.



The Dry Feed or Hopper System of feeding is endorsed and recommended by practically all the experimental stations and is in use in most of the large practical plants.

Why it is the Best Hopper.

It is absolutely automatic and positive in its action. Cannot clog. Does not waste. Feed is always accessible and always in sight.

Saves Labor. Saves Grain. Saves Money.

It is simple in construction, and being made of galvanized sheet iron is practically indestructible and will last a life-time. The sanitary conditions are perfect.

Manufactured in Four Sizes.

Chicken Hopper, small size, \$1.25. For use in small brooders.

Chicken Hopper, large size, \$2.50 For use in brooder houses.

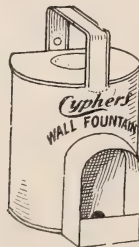
Small Hopper, holds 8 quarts, \$1.15. For beef scraps, shells, grit or charcoal.

Large Hopper, holds 16 quarts, \$1.25. For dry feed for hens.

GRENIER CAPONIZING SET.

The Grenier Caponizing Set is especially designed to simplify the operation of caponizing, so that the beginner can easily master it. This set consists of a lancet shaped knife, spring spreader, forcips, hook, ring probe and canula. Price in velvet lined case, \$3.00.

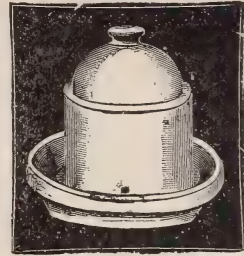
CYPHERS WALL FOUNTAINS.



These fountains are something new and extra serviceable in the way of poultry fountains. One side of the back is flattened so that it can be hung on the wall of a building or against an upright post or board at any height. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons.

Prices: 1 gal. size, each, .50c.; 2 gal. size, each, .75c.

EARTHENWARE DRINKING FOUNTAINS.



1/4 Gal., each,	\$0.20
1/2 Gal., each, . . . .	.25
1 Gal., each, . . . .	.30
2 Gal., each, . . . .	.40

SANITARY GRIT AND SHELL BOX.

This box is manufactured in the best galvanized iron and contains three apartments for food, shells or grit. It can be hung up against the wall at any height desired and is a thoroughly first-class article, practically indestructible and will last a life-time. It is the best self-feeding



hopper on the market. By the use of this self-feeding box every particle of grit, shells or food will be properly used and waste prevented, thus increasing the profits. Price, each, .50c.

DRY FOOD HOPPERS.

Cyphers Dry Food Hopper is constructed of Heavy Galvanized Iron, like the Grit and Shell Box. It has two compartments, a large one for grain mixtures, holding about six quarts and a small one for beef scraps, holding about three quarts. Price, each, .75c.

CYPHERS X-RAY EGG TESTER.

The Cyphers X-Ray Egg Tester is made of the best block tin and consists of a central cylinder or lamp flue, $5\frac{1}{4}$ inches high, with an outside diameter of $2\frac{5}{8}$ inches at the base and $2\frac{3}{8}$ inches at the top. It is designed for use in an ordinary hand lamp, fits over any style of burner with a diameter approximating that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price: .25c. each; postpaid, .35c.

OVINAPHTHOL NEST EGGS.

These are the standard combined nest egg and lice killer. Are used in the nest in the same manner as any ordinary nest egg. Rids laying hens of lice and mites, keeping the nest sweet and clean. The genuine bear embossed on each egg the words "Ovinaphthol Nest Egg."

Prices, each, .10c.; per doz., .75c.

PORCELAIN NEST EGGS.

These Eggs are made of first class Flint Glass. They do not break easily and will last indefinitely. Price, each, .03c; per doz., .30c.

CYPHERS POULTRY LIBRARY.

Six of the latest and best practical poultry books to date. Bound in neat attractive covers, fully illustrated.



Book No. 1, Profitable Poultry Keeping in All Its Branches.

Book No. 2, Profitable Care and Management of Poultry.

Book No. 3, Profitable Poultry Houses and Appliances.

Book No. 4, Profitable Egg Farming.

Book No. 5, Profitable Market Poultry.

Book No. 6, Capons for Profit.

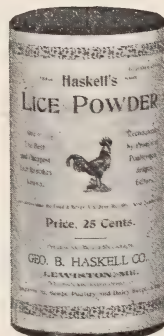
Prices of these books is 50 cents each, postpaid.

Special Offer.

We will send any five of these books to one address postpaid on the receipt of \$2.00.

trade—**HASKELL'S**—name
LICE POWDER.

The Strongest and Cheapest Lice Remedy Known.



In offering Haskell's Lice Powder we offer an article which we believe to be superior to any Lice powder on the market. It is manufactured from a well-tried and proven formula, retains its strength for a long time and is effective in all climates.

It is carefully prepared and contains no carbolic acid or chemicals which will injure the fertility of eggs or the plumage of the fowls. It is easy and clean to handle sure in results and can be used plentifully in the nests of setting hens without fear of injury to young chickens.

Haskell's Lice Powder may be used for destroying ticks on sheep, fleas on dogs and lice on cattle and horses. It is especially desirable where there are but few animals or fowls to be treated. As an insect powder it has no equal. It may be used on plants and bushes as a protection against Plant Lice, on furs and carpets, as a protection against moths and pests.

The 5 and 15 oz. sizes of Haskell's Lice Powder are put up in patent sifter-top box, the perforations of which can be closed after the box has once been opened. Few other Lice Powder boxes possess this advantage. After the boxes used for other Lice Powders are once opened there is no way of closing them and the strength of the powder is lost by evaporation.

Prices: 5 oz. pkg. .10c., postpaid .15c.; 15 oz. pkg. .25c., postpaid .40c.; 48 oz. pkg. .50c., not mailable.

Agents wanted where we have none already located.

DR. HESS' INSTANT LOUSE KILLER.

Destroys lice on poultry, stock of all kinds, and ticks on sheep. It is a powder put up in round cans with perforated top, and sold on a written guarantee. Price per package, .25c.

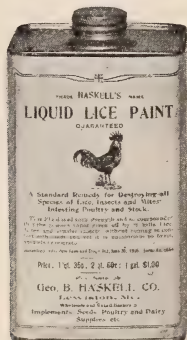
CYPHERS LICE POWDER.

For lice on cattle and horses, ticks on sheep, and fleas on dogs, Cyphers Lice Powder is a most effective remedy.

Prices: 5 oz. pkg. .10c., postpaid .15c.; 15 oz. pkg. .25c., postpaid .40c.; 48 oz. pkg. (by express at customer's expense) .50c.

trade—HASKELL'S—name
LIQUID LICE PAINT.

Every Can Guaranteed to Do As Represented.



Haskell's Liquid Lice Paint is a wholesale lice and vermin destroyer. It saves time, labor and expense; no dipping, no dusting, no greasing and no handling being necessary.

In order to secure satisfactory results from any liquid lice destroyer, it must have sufficient strength so that the odor, gas or vapor given off by it will destroy the pests without the fowls or insects coming in contact with the preparation itself. Haskell's Liquid Lice Paint accomplishes this and at the same time is perfectly safe to handle, and is not injurious to fowls, animals or operator. Haskell's Liquid Lice Paint does effective work in ridding horses and cattle of lice, mites,

etc., and may be applied by sprinkling the preparation on an old blanket or burlap, hanging it over the animal or tying it about it for one or two hours. This procedure envelops the insects in an atmosphere of vapor between the blanket and the skin of the animal, the vapor quickly overcoming the vermin. This method is also helpful in cases of mange or itch.

Lice on Hogs—To kill lice on hogs, spray the bedding thoroughly with Haskell's Liquid Lice Paint. It is also a good plan to coat the rubbing posts with the liquid.

Cheap Imitations—If you want something cheaper in price than Haskell's Liquid Paint, add one quart of Haskell's Liquid Lice Paint to one quart of kerosene oil, and you will then have two quarts of lice paint as deadly as two quarts of other Lice Killers. There is no liquid lice paint so good or so strong as Haskell's Liquid Lice Paint. We recommend it. Strength is full strength.

Directions for Applying—There are no special directions required for applying. All that is necessary in large houses to kill all the lice is to spray, sprinkle or paint the floors, roosts, nests, and dropping boards with the liquid. Use whatever method suits your convenience. All directions, however, are plainly printed on the label of each can. A convenient method of applying is by the use of the Faultless Hand Sprayer, See description under sprayers.

Haskell's Liquid Lice Paint is never sold in bulk. It is put up in one, two and four quart cans, all bearing our copyrighted label.

Prices: 1 qt. cans, .35c. each; ½ gal. cans, .60c. each; 1 gal. cans, \$1 each.

CYPHERS LICE PAINT.

This is a safe and sure liquid lice killer for poultry or stock. Kills lice, mites and other insects, parasites on fowls, also lice and ticks on sheep, hogs, horses and cattle.

Prices: 1 qt., .35c.; 2 qts., .60c.; 1 gal., \$1.00.

trade—HASKELL'S—name
ROUP CURE.

Guaranteed to Relieve or Money Refunded.

Roup is the most common, and perhaps the cause of more loss to poultrymen than any other disease. It is a catarrhal di-

sease and contagious in its nature. It usually follows neglected slight colds. The



first symptoms are frothiness and bubbles in the corners of the fowl's eyes, followed by a watery discharge from the nostrils and eyes; generally accompanied by sneezing and snuffles. The discharges always have a fowl odor. Later these discharges thicken and clog the nostrils. The bird's head generally swells. The eyes bulge, and thick, slimy masses form in the mouth and throat.

To meet the demand for a first-class, reliable Roup Cure, one which will actually cure fowls afflicted with Roup, we offer **Haskell's Roup Cure**, which we guarantee to cure this disease when used in accordance with directions on each package, or agree to refund the purchase price.

Haskell's Roup Cure is administered by putting it in the fowl's drinking water, the fowls thus taking their own medicine. When the disease is so far advanced that the fowls cannot see to drink, their heads and eyes may be bathed in the remedy until they recover to an extent which will enable them to drink their own medicine. Pigeon growers as well as poultrymen will find **Haskell's Roup Cure** of especial value in treating all forms of canker.

Haskell's Roup Cure is put up in one size package only. This package contains sufficient remedy for making 25, full strength, gallons of the remedy.

We guarantee **Haskell's Roup Cure**, when used in accordance with directions on each package, to relieve roup, and will refund the purchase price if it fails to cure except in cases where the fowls have reached the last and incurable stages of the disease. Price, postpaid, .50c.

Cyphers Roup Cure.

Cyphers Roup Cure is guaranteed by its manufacturers to prevent colds and

cure roup. It is unequalled for canker.

Small size package makes 25 gallons of medicine, postpaid .50c.; large size package makes 75 gallons, postpaid \$1.00.

Conkey's Celebrated Roup Cure.

Conkey's Celebrated Roup Cure is a most excellent Roup Cure and is used by administering in the fowl's drinking water.

Price: Small size, .50c.; large size, \$1.

Rust's Roup Pills.

A satisfactory remedy where only one or two fowls are to be treated. Price per package, .25c.

HASKELL'S HOMEOPATHIC POULTRY REMEDIES.

10 Dependable Poultry Remedies.



Haskell's Homeopathic Poultry Remedies are put up 100 tablets to a vial, each vial being labeled with complete directions and showing dosage and the disease which the remedy will prevent or cure. The vials are encased in strong wooden screw-capped mailing tubes, cushioned with cotton, to prevent breakage in shipment. The tablets are administered in the fowl's drinking water, the same as **Haskell's Roup Cure**, described on page 83.

Remedy No. 1—It relieves sour crop, indigestion, loss of appetite, constipation and some forms of crop-bound. Also useful in nervous diseases, like limber neck and for all forms of indigestion and liver diseases.

Remedy No. 2—For rheumatism and cramps in fowls or chicks, particularly when accompanied by swollen legs, lameness and difficulty in walking.

Remedy No. 3—Valuable for sudden colds with snuffles, watery discharge from eyes and nostrils, and sneezing. Prevents roup. Useful in all diseases resulting from exposure to cold and dampness.

Remedy No. 4—Cures bronchitis, croup and similar diseases. Useful in all catarrhal colds of poultry having rattling in the throat as a prominent symptom.

Remedy No. 5—It is a most reliable cure for cholera, and when used in the drinking water will cure the most obstinate

cases. Valuable for diarrhoea in small chicks or full grown fowls when accompanied with a watery or bloody discharge.

Remedy No. 6—Useful in vent, gleet and all ailments where there is a tendency to cheesy growths upon mucous membrane. Cures diphtheritic roup, and all forms of canker.

Remedy No. 7—It cures chronic catarrhal colds of poultry which are accompanied by a hard, croupy cough. Useful in all ailments where there is a tendency to pus formation. In chicken-pox and bumble-foot it promotes rapid healing of the sores.

Remedy No. 8—For the cure of disorders of egg organs, which cause soft-shelled and blood-streaked eggs, and will correct sterility and impotence, promote a healthful condition of the reproductive organs thus insuring fertile eggs.

Remedy No. 9—Valuable in eye diseases of poultry accompanied by the swelling of one eye, with a collection of yellow matter upon the lids. Is useful in egg-bound. Successfully used to promote healthy action of the egg organs and start hens laying after moulting.

Remedy No. 10—Useful to get rid of worms and other intestinal parasites.

Haskell's Poultry Remedies are of the same quality that have been prescribed by many physicians in treating the diseases of man and can be relied upon to do what is claimed for them. The value of the tablets depend upon their medication. These tablets are full strength and sell at as low a price as is possible to sell a remedy of equal merit.

When ordering please be sure to specify the number required. Price per vial, post-paid, 40 cents each.

trade—**CREOLUSOL**—name

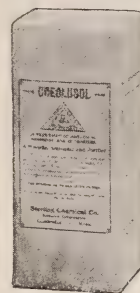
An Ideal Disinfectant, Germicide and Deodorizer.

Creolusol is a most powerful antiseptic and purifier, and one of the best disinfectants for private or public sanitation, it being especially adapted for domestic use. It possesses an agreeable, wholesome and refreshing odor. It is non-poisonous and is perfectly harmless to animals. It is used by mixing with fresh water as wanted.

For General Disinfecting. Poultry houses and runs, stables, kennels, toilets,

sinkdrains, cesspools, and to destroy foul odors. Use two tablespoonfuls in one quart of water.

For the sick room. To prevent the spread of Cholera, Scarlet Fever, Influenza, Small Pox, Typhus, Diphtheria, Erysipelas, etc., sprinkle freely everywhere. Wash clothes and dishes, spittoons and chamber



vessels, etc., with two tablespoonfuls to one quart of water.

For the bath. Use one to two teaspoonfuls in 10 gallons of water. For persons of tender skin and children, use one-half the quantity.

For mange, favus, chicken pox, scabies, and scaley leg. Make an ointment by adding one teaspoonful to a cupful of melted lard and stir until cool. Use freely.

For roup, cholera and diarrhoea. Mix half a teaspoonful with each gallon of drinking water.

For washing out incubator cellars, incubators, brooders, brood coops, drinking utensils. Use two teaspoonfuls to one quart of water.

For dressing ulcerating wounds, sores and scratches. Use one tablespoonful in one quart of water as a wash.

For worms. Use one drop doses made into pills with bread crumbs, one, three or four times a day.

For diphtheria, roup, sore eyes and canker. Use a teaspoonful in a pint of water as a wash for the face, eyes, nostrils, mouth and throat.

Full directions for use on every package. Put up in one quart packages, sufficient for making 50 quarts of disinfectant.

Price, 50 cents.

trade—**STERLINGWORTH**—name
SULPHUR FUMIGATING CANDLES.

Easy to light. Safe to use. Sure in effect.

The Sterlingworth Sulphur Fumigating Candle is the most satisfactory Fumigating Candle manufactured. Besides being

larger, thus producing more vapor than any other candle sold at the same price, they are encased in a tin covered box to



insure safety in shipping. The candle itself is made from pure high grade sulphur, free from adulteration, and has a circular wick, which, when once lighted, stays lighted and burns until every particle of sulphur is consumed.

To add to the effectiveness of the sulphur the tin box encasing the candle may be placed in a saucer of water; the steam arising from the water, generated by the heat from the burning sulphur, unites with the sulphur fumes, making the vapor more deadly than ordinary sulphur fumes. No other method is equally effective for killing insect life or disease germs.

This candle is especially useful to poultrymen in ridding poultry houses of insect pests, as the vapor from it penetrates crevices not reached by other means. All that is necessary to do is to close up the infected house or room and light the candle. The deadly fumes do the rest. Board of Health officials recommend sulphur fumes for destroying Typhoid, Diphtheria, Small Pox and other disease germs.

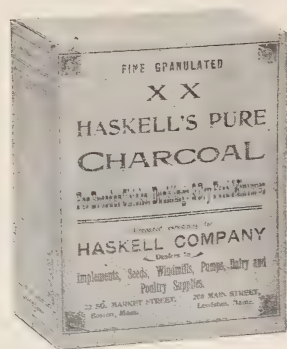
Price, each, .15c.; postpaid, .25c. One dozen, by express, \$1.00.

trade—**HASKELL'S CHARCOAL**—name

Something You Must Have.

An expert Poultryman says "I would rather sacrifice the use of any one grain and have charcoal to use than give the grain and go without the charcoal." If you want healthy chickens, rugged, growing stock with bright red blood and healthy plumage, birds that will fatten easily and well, and those that are free from sour crops and indigestion, feed charcoal. It is very inexpensive and worth its weight in gold to poultrymen.

Haskell's Charcoal is especially prepared for poultry, carefully screened and is different than other charcoals. Goods are



put up in 50 pound burlap bags and in 2 pound paper cartons, in four sizes as follows:

Fine Powdered for Mash Food and Ducks, also Cattle and Hogs.

Fine Granulated for Brooder Chicks and Dry Chick Food Mixtures.

Medium Granulated for Half Grown Fowls, Pigeons, etc.

Coarse Granulated for Full Grown Fowls, Geese, Turkeys, etc.

Prices:—50 pound bags \$1.00 each; 2 pound cartons, .10c. each. Larger quantities a matter for correspondence.

DR. HESS' POULTRY PAN-A-CE-A.

Dr. Hess' Poultry Pan-a-ce-a makes hens lay. They have to lay. The fowl gets more nourishment from the food taken and the egg-laying organs develop new egg clusters. It is upon the organs of digestion that egg-making depends. Pan-a-ce-a contains tonics that increase the digestion; it also contains iron for the blood and nitrates to expel poisonous material through the skin; it is the only reasonable way to produce eggs without stimulants that are injurious.

1½ lb. pkg. 25c; 5 lb. pkg. 60c; 12 lb. pkg. \$1.25; 25lb. pail, \$2.50.

CYPHERS EGG STIMULANT.

Cyphers Egg Stimulant is a tonic and condition powder for promoting the general health, and is also a gentle stimulant to the egg-producing organs, strengthening and stimulating them to a healthy, normal action, resulting in strong fertile eggs. Each package contains enough to treat two bushels of food.

Price per package, 25c; postpaid, 35c.

EXTRA FINE CRACKED BONE FOR CHICKENS.

All Poultry Foods subject to market changes. Prices upon application.

MICO SPAR CUBICAL GRIT.



Does not become smooth, but retains its cubical form until entirely worn out. This makes it

A PERFECT DIGESTER.

No oyster shells are required as Sodium, Aluminum, Magnium and Lime are found in sufficient quantities to form a hard shell. This makes it

A PERFECT SHELL MAKER.

Iron is found in its Mica Chips. This makes it

A PERFECT YOLK BUILDER.

No. 1. For Turkeys.

No. 2. For Fowls.

No. 3. For growing Chicks, Pigeons and Ducks.

No. 4. Extra Fine, for Chicken Food.

Price per 100 pound bag, 70 cents.

OYSTER SHELLS.

Crushed and ground to the size which expert poultrymen agree to be the best. Every pound of shell we sell is all shell and no waste. Price in quantities quoted on application.

CRESCENT BRAND CHICK FOOD.

A Complete Food For Small Chicks up to 6 to 8 Weeks Old.

High grade mixture of sweet, sound, re-cleaned Cracked Grains and Seeds, best

adapted to CHICK FEEDING.

Always Ready No Waste No Dirt

This brand is offered as superior stock—a trial will demonstrate its feeding value.

Put up in 100 lb. sacks. Branded with Trade Mark.

Price per 100 lbs., \$2.40.



SUN BRAND CHICK STARTER.

A primary food for baby chicks up to three weeks old.

High grade mixture of sweet, sound, re-cleaned Cracked Grains and Seeds—is similar to the Crescent Brand, but graded smaller, being more suitable for feeding little chicks. Put up in 100 lb. sacks. Branded with trade mark. Price per 100 lbs., \$2.45.

GLOBE BRAND SCRATCH OR POULTRY FOOD.

A carefully selected and mixed balanced ration of grain, cracked and whole, and seeds, etc. Best adapted to vigorous growth of fowls, and production of eggs. Put up in 100 lb. sacks. Price \$2.15.

QUEEN BRAND POULTRY MASH.

A carefully selected mixture of ground feed manufactured from the choicest sound sweet and wholesome grain. Put up in 100 lb. bags. Price \$2.15.

PURITY BEEF SCRAPS.

A condensed and granulated Beef Scrap of the greatest purity. The process of granulation is such that it is impossible for bone or refuse to be introduced. We are assured by the manufacturer that these Beef Scraps do not contain any pork product.

ANALYSIS.**Protein**

Found per cent.	Guaranteed per cent.
63.25	60.00

FAT

Found per cent.	Guaranteed per cent.
12.62	5.00

The above analysis was taken from Maine Agricultural Experiment Station, Bulletin No. 129. Price of Purity Beef Scraps, \$3.10 per 100 lbs.

EXTRA FINE PURITY BEEF SCRAPS.

Same grade as regular test ground finer for small chicks. Price of Purity Beef Scraps, \$3.10 per 100 lbs.

PURITY MEDIUM CUT ALFALFA.

As an accompaniment to the mash fed by some, and the dry food by others, a vegetable food is indispensable, in fact, no mash is complete without it. Among green feeds, Alfalfa stands at the top. Our medium Cut Alfalfa is the first process of milling. All the stalks, leaves and blossoms are reduced to edible lengths, and are retained in the first product. All long stems, weeds, etc., are entirely eliminated, which is possible only by our special methods. Thus, having absolutely no waste, ours is far superior to ordinary cut Alfalfa. When used with the mash, Medium Cut Alfalfa is mixed dry with other foods, and scalded or boiled with them, as the poultryman desires. When fed in connection with dry grains it should be scalded in a trough or other vessel and left for the fowls to eat at will. Price, 100 lb. bag, \$2.00.

FULL NEST EGG FOOD.

Everybody wants eggs when prices are high. They can get them by using Full Nest Egg Food. An increase of eight eggs

a month will pay for a 42 ounce package which will bring you several times that number of extra eggs. Full Nest Egg Food is the standard condition powder for all ages of poultry. It stimulates and invigorates but unlike other tonic foods, it also builds up the system and keeps it up. Full directions for use in every package. Price: 42-oz. package, 25c.

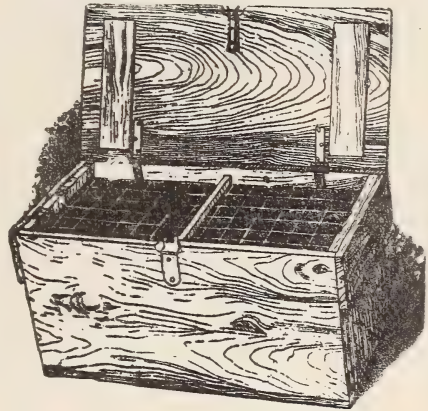
Poultry Foods subject to market changes and large quantities a matter of correspondence.

GEO. B. HASKELL CO.'S EGG CASES.

This is the most popular case on the market with handlers and shippers of eggs. We carry the following sizes constantly in stock.

Prices of cases complete with fillers, 8 dozen, 65c; 15 dozen, 85c; 30 dozen, \$1.00; 49 dozen, \$1.25; 56 dozen, \$1.40.

Prices of fillers per set, 30 dozen, 30c; 49 dozen, 40c; 56 dozen, 50c.



Egg Case.

IDEAL EGG BOXES.

Just the thing for family egg trade. The best pasteboard egg box on the market. Shipped knock-down, easily set up. Prices, 1 dozen size, 12c. per dozen; 75c. per hundred.



Ideal Egg Box.

EYRIE SHIPPING BOXES.

A convenient, light and strong paste-board box with handle for carrying or shipping fancy eggs for settings.

No. 1 for 15 Eggs, each 15c; dozen, \$1.25.

No. 2 for 30 Eggs, each 20c; dozen, \$1.90.

POULTRY NETTING.

We carry the well-known New Jersey Netting and guarantee it to be the very best. It is galvanized after weaving, has three selvage wires, where other makes have but two. Is coated with pure spelter, or zinc, (Tin rusts), and is full measure in length and width.

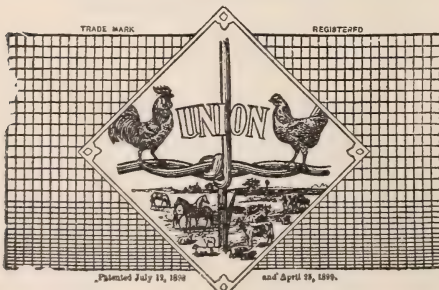
All sizes in both Poultry and Chicken mesh. Write for prices.



Poultry Netting.

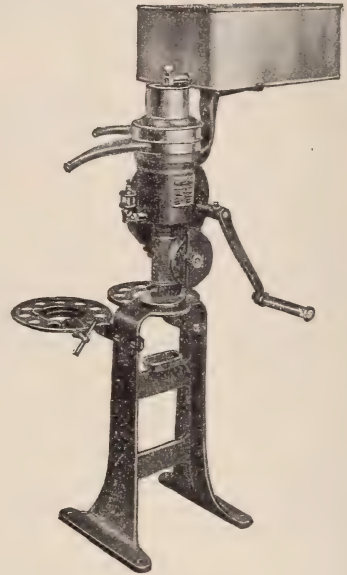
UNION LOCK POULTRY NETTING.

The Union Lock Poultry Fence has all the advantages of the regular hexagonal work, and excels that fence by having a closer mesh at the bottom, all the horizontal lines cables, and will fit any unevenness



of the ground without cutting. We put this Fence on the market strictly on its merits, feeling confident that we are able to give you a better value for the price asked for it than has yet been offered, and are sure that a trial order for our Union Lock Poultry Fencing will convince you that all of our claims are just and reason-

able, and will also be the greatest assurance that we can have that we will get your future business for poultry fencing. Send for circular and prices.

**SIMPLEX IMPROVED
LINK BLADE CREAM SEPARATOR.**

No. 1.

Improved Model.

The Improved Simplex Separator should appeal to every intelligent and discriminating dairyman or farmer.

1. Because it is the most efficient and gets all of the fat that can be obtained from the milk by any process.

2. Because it is self balancing and will not give trouble as other machines do.

3. Because it is the lightest running and can be operated by any member of the family.

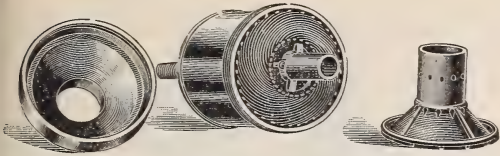
4. Because it is the simplest machine, having the fewest parts.

5. Because it can skim cold or warm milk and will not clog up.

Some advantages of the Link Blades are as follows:

1. Increased capacity of from 30 to 50 per cent. over the most efficient of previous devices, combined with very clean skimming under a wide range of conditions as to milk, temperature, etc.

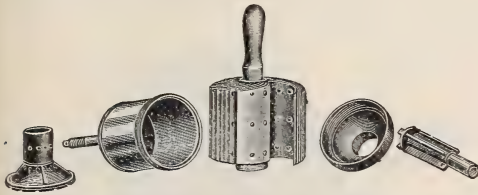
2. Great convenience in cleaning and handling, because the blades do not come apart, and do not have to be reassembled in any particular order.



3. The device being expansible and fitting the bowl snugly, it can never become loose, or shift in the bowl, and throw the same out of balance.

4. The pressure being transmitted through a series of brass rivets, there is no strain on the blades themselves, and there is no rusting formed by the points of contact of the rivets.

5. The device being much more efficient is a great deal lighter and smaller in order



to do the same amount of work, making it still easier to handle, and requires less power to run than other devices of same capacity.

6. When making a long run, the deposit of sediment at the periphery of the bowl will never clog or choke off the flow of milk. Link Blade Machines have been run three and four hours continuously, and the skim milk tested at intervals of fifteen or twenty minutes throughout the run, and the skimming at the end of the run was substantially as good as at the beginning.

SOME ADVANTAGES OF THE SELF CENTERING BEARINGS.

1. The bowl will always run smooth and true, even if out of mechanical balance.

2. Even if the spindle should become slightly sprung by accident, it will not interfere with the free running of the bowl.

3. As the machine wears, instead of becoming noisy and running harder, as in the old style mechanically balanced machines, it will always run freely and smoothly.

4. Experience shows that the Self Balancing "Simplex" Separator runs easier with continued use.

5. The Self Balancing "Simplex" is not as sensitive or delicate, requiring the fine

adjustment of other machines which depend on mechanical balance for their running.



Upper Bearing
(Sectional View)

6. The wear and tear on the bearings, gearing, etc., is, in the long run, much less with the Self Balancing "Simplex" because most of the wear in other machines comes from the rough running of the bowl, which multiplies the friction and causes the machines to run harder and bring increased wear on every running part.

OTHER SPECIAL FEATURES.

The Noiseless Safety Clutch is entirely original with the Simplex Machine.

The Simplex Worm Wheel is built up with Cast Iron Center and Bronze Rim which produces a noiseless Worm Wheel and free from the peculiar ring characteristic of other makes.

The gearing of the Simplex is very simple. On account of the Low Bowl Speed the gears are small, and but two reductions are required between the Crank and Bowl.

The Nos. 0, 1 and 2 machines are geared only 142 to 1, and are the lowest geared Hand Machines on the market. This combined with small size of the bowl, due to the efficiency of the Link Blade Device, is the chief reason why they are so light running as compared with other machines which require larger bowls and higher bowl speeds to do the same work as the "Simplex."

Specifications of "Simplex" Link Blade

Cream Separators

DAIRY SIZES

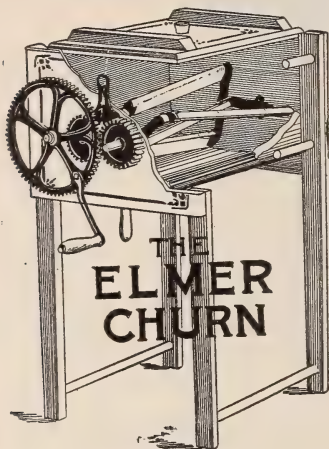
No.	Style	Guaranteed Capacity per hour	Height to top of can	Diam. of bowl	Depth of bowl	Price
0	Hand Power	350 lbs.	4'13"	4"	23"	\$75.00
1	" "	500 "	4'23"	4"	33"	85.00
2	" "	700 "	4'4"	4"	5"	100.00
2½	" "	{ 1,000 to 1,200	4'11½"	6"	4½"	200.00
2½	Combined Hand and Turbine	{ 1,000 to 1,200		6"	4½"	250.00
2½	Turbine	1,200		6"	4½"	225.00
	Power Pulley for No. 0, 1 or 2 extra					3.00
	" " " " 2½					4.00

No. 2½ can be fitted with low base when run by power, reducing height to center of inflow faucet from 44½" to 32".

Write for special prices.

ELMER'S PATENT DOUBLE ACTING CHURN.

Unparalleled for Quickness, Ease, Durability and Economy. It is a perfect Butter Worker without making any changes.



- No. 1 will churn 8 qts. cream, price, \$5.00
- No. 2 will churn 10 qts. cream price, 5.75
- No. 3 will churn 15 qts. cream, price, 6.50
- No. 4 will churn 20 qts. cream, price, 7.25
- No. 5 will churn 25 qts. cream, price, 8.00
- No. 6 will churn 35 qts. cream, price, 9.00
- No. 7 will churn 45 qts. cream, price, 10.00

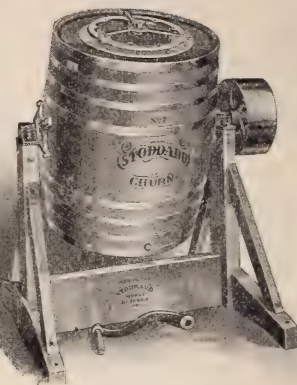
CYLINDER CHURNS.



- No. 0 will churn 1 gal. price, \$1.60
- No. 1 will churn 2 1-4 gals. price, 1.85
- No. 2 will churn 4 gals. price, 2.15
- No. 3 will churn 7 1-2 gals. price, 2.50
- No. 4 will churn 10 1-2 gals. price, 3.00
- No. 5 will churn 15 gals. price, 3.35

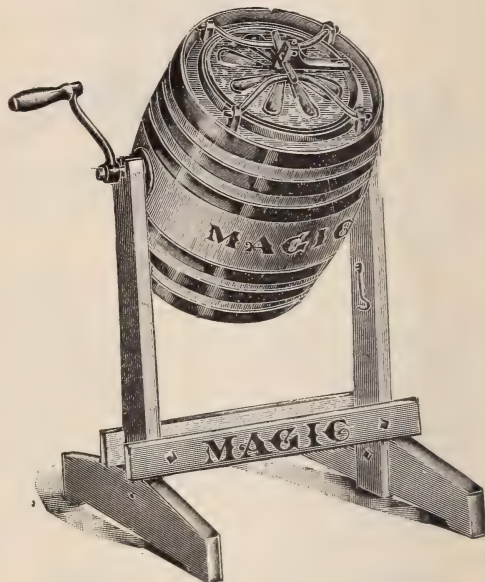
STODDARD BARREL CHURN.

- No. 1, capacity 10 gals., will churn 1 to 4 gals., price, \$ 6.50
- No. 2, capacity 15 gals., will churn 2 to 7 gals., price, 7.25
- No. 3, capacity 20 gals., will churn 3 to 9 gals., price, 8.00
- No. 4, capacity 25 gals., will churn 4 to 12 gals., price, 9.50
- No. 5, capacity 35 gals., will churn 5 to 16 gals., price, 11.00
- No. 5 1-2, capacity 45 gals., will churn 5 to 20 gals., price, 13.50
- No. 6, capacity 60 gals., will churn 6 to 28 gals., price, 16.00



MAGIC CHURN.

Is provided with our new patent Drop Steel Forged Cover.



No more warping, splitting or breaking. You could drive over it with horse and wagon, but could not break it.

There is no wood to split, twist and warp.

No cast iron to crack, spring or break; in fact it is practically indestructible.

Every cover fits the Churn perfectly. No leak.

It will afford dealers pleasure and satisfaction to offer their customers the best Churn on earth, and fully guaranteed.

There is no competition in this article, for there is nothing like it on the market.

Made in three sizes:

- | | | | | |
|--------|----------|-------------|---------|---------|
| No. 0. | 6 gals. | 3 gals. | 31 lbs. | \$ 4.50 |
| No. 1. | 10 gals. | 4 1/2 gals. | 36 lbs. | 4.75 |
| No. 2. | 15 gals. | 7 gals. | 44 lbs. | 5.25 |

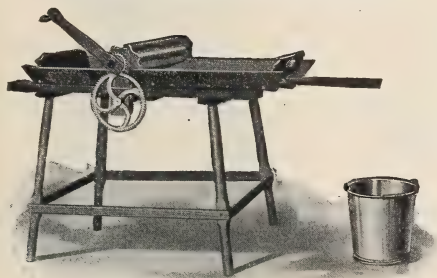
HERO BARREL CHURN.

Similar in construction to the Magic but has wooden cover in place of metal.

No. 1, capacity 10 gals., will churn	
1 to 4 gals., price,	\$4.50
No. 2, capacity 15 gals., will churn	
2 to 7 gals., price,	4.75
No. 3, capacity 20 gals., will churn	
3 to 9 gals., price,	5.25
No. 4, capacity 25 gals., will churn	
4 to 12 gals., price,	6.75
No. 5, capacity 35 gals., will churn	
5 to 16 gals., price,	7.75

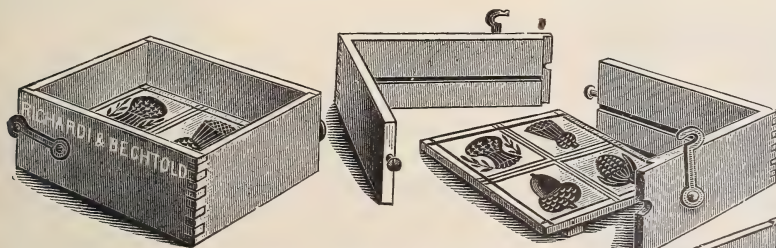
OAK DASH CHURN.

No. 0-3 gals., with dasher,	\$.90
No. 1-5 gals., with dasher,	1.00
No. 2-7 gals., with dasher,	1.10
No. 3-9 gals., with dasher,	1.20
No. 4-12 gals., with dasher,	1.25

WATERS' BUTTER WORKER.

Without doubt the most practical and best known Butter Worker on the market. Guaranteed to handle butter in any condition satisfactorily.

No. 0, tray 27 in. long, 14 in. wide; capacity, 1 to 15 lbs; price,	\$6.00
No. 1, tray 36 in. long, 15 in. wide; capacity, 5 to 30 lbs; price,	7.00
No. 2, tray 36 in. long, 18 in. wide; capacity, 5 to 40 lbs; price,	8.00
No. 3, tray 30 in. long, 20 in. wide;	



Blanchard Butter Moulds.

capacity, 5 to 50 lbs; price,	9.00
No. 4, tray 48 in. long, 22 in. wide; capacity, 10 to 75 lbs; price,	11.00

STONE DASH CHURN.

2 gal., price with dasher,	\$.65
3 gal., price with dasher,	.70
4 gal., price with dasher,	.80
5 gal., price with dasher,	.90
6 gal., price with dasher,	1.00

**GENUINE BLANCHARD BUTTER MOULDS.**

1-2 lb., 70c; 1 lb., .85c; 2 lbs., \$1.25.

IMITATION BLANCHARD MOULDS.

1-2 lb., 40cts; 1 lb., 50cts.

1 LB. BOSTON BRICK MOULD.

Price, 20 cts.

1-2 LB. ROUND MOULD.

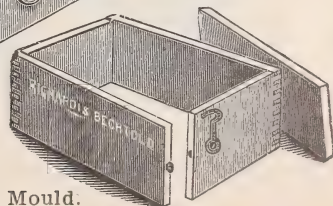
Price, 30 cts.

1 LB. ROUND MOULD.

Price, 30 cts.

ROUND INDIVIDUAL MOULD.

Price, 5 cts.

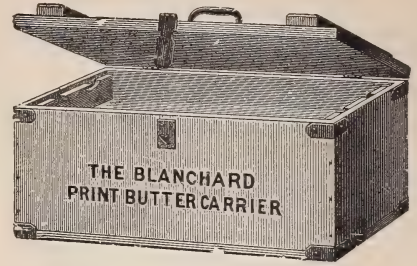


Boston Mould.

BLANCHARD BUTTER CARRIERS.

	Price.
No. 6 ½, 4 trays, 12 lbs. capacity,	\$ 1.75
No. 7, 4 trays, 16 lbs. capacity,	2.10
No. 8, 4 trays, 24 lbs. capacity,	2.35
No. 9, 4 trays, 32 lbs. capacity,	2.80
No. 10, 5 trays, 40 lbs. capacity,	3.00
No. 11, 6 trays, 48 lbs. capacity,	3.60

With or without Galvanized Ice Boxes.
Will be shipped without Ice Boxes, unless they are ordered. Ice Boxes separate, 50c. each.

**CHAMPION MILK COOLER AERATOR.**

A Perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

A complete deodorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gasses.

A thorough cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is Automatic, requiring no attention while in operation.

Is low down, combining greatest cooling surface with least height.

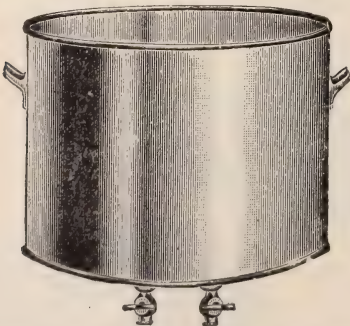
It is as simple in construction and easily cleaned as a pail—no joints or seams for the harboring of impurities and no crooked pipes to rust.



No.	Capacity of Milk Receiver.	Size of Dairy.	Takes Care of	Price
1	10 quarts	1 to 10 cows	2 Milkers	\$4.75
2	18 quarts	10 to 25 cows	3 Milkers	5.00
3	34 quarts	25 to 50 cows	5 Milkers	5.50
4	52 quarts	50 to 100 cows	8 Milkers	6.75

THE SENSIBLE BOTTLE FILLER.

This is a small tank, heavily tinned and holding about 60 quarts. It has two



straight bore faucets in the bottom near the edge. They are inexpensive and very

handy for small milk dealers who do not feel like paying a large sum for one of the larger machines.

Price, each, \$4.00

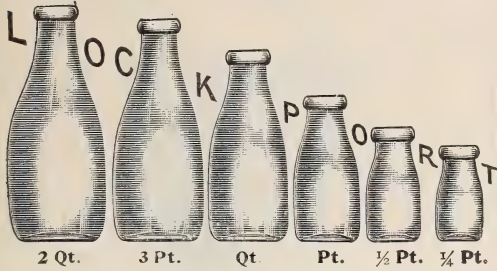
MILK AND CREAM BOTTLES.

The old dented, dirty, rusty milk can must go. As an indication of a higher standard of living, people everywhere are insisting that their milk and cream be delivered in clean, wholesome glass bottles and the milk man who does not get into line will soon be left far behind his more progressive brethren.

The Common Sense Bottle has a clean waxed paper cap, easily removed, and no taint is possible.

Prices.

$\frac{1}{2}$ Pint Common Sense,	\$.50 doz.
1 Pint Common Sense,	.60 doz.

**SIZES.****LOCKPORT MILK BOTTLES.**

1 Quart Common Sense,	.75 doz.
$\frac{1}{2}$ Pint Lightning "Tin Top"	.60 doz.
1 Pint Lightning "Tin Top"	.70 doz.
1 Quart Lightning "Tin Top"	.85 doz.

Special prices to milkmen in gross lots.

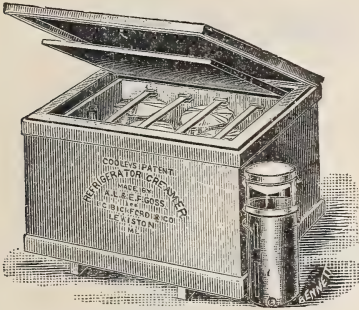
MILK BOTTLE CAPS.

Best Grade Parafined No. 1 and 2,	\$.15 lb.
Health with Lip No. 1 and 2,	.20 lb.
Thin Caps to be used with Lightning tops,	.15 lb.

COOLEY CREAMERS.

The Best Gravity Method in the World.

Price of Tank Less Cans.

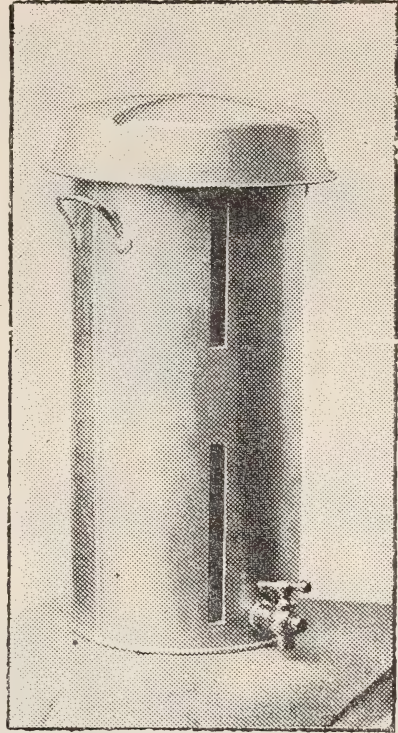


No. 1, for three cans,	\$11.00
No. 2, for four cans,	14.00
No. 3, for six cans,	16.00
No. 4, for eight cans,	18.00
No. 5, for ten cans,	20.50
No. 6, for twelve cans,	22.00
No. 7, for fourteen cans,	25.50
No. 8, for sixteen cans,	29.00

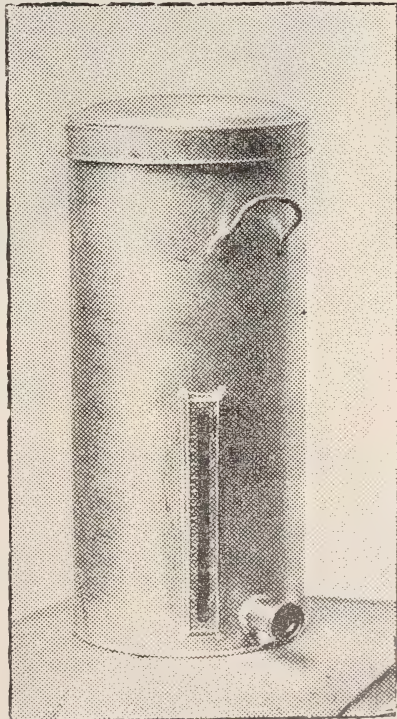
Price of tank includes strainer frame and thermometer.

MILK AND CREAM CANS.

Goss Special Milk Cans, each,	\$1.50
Goss Cream Storage Cans, each,	1.00
Buffalo Milk Cans, each,	1.00
Buffalo Cream Cans, each,	.75

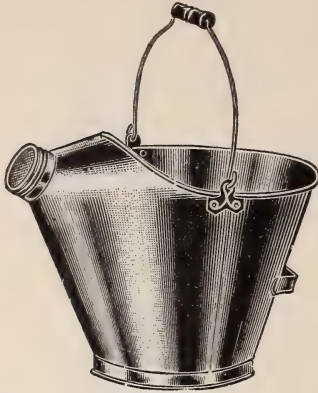


Goss Special Milk Can.



Buffalo Milk Can.

STRAINER PAILS.

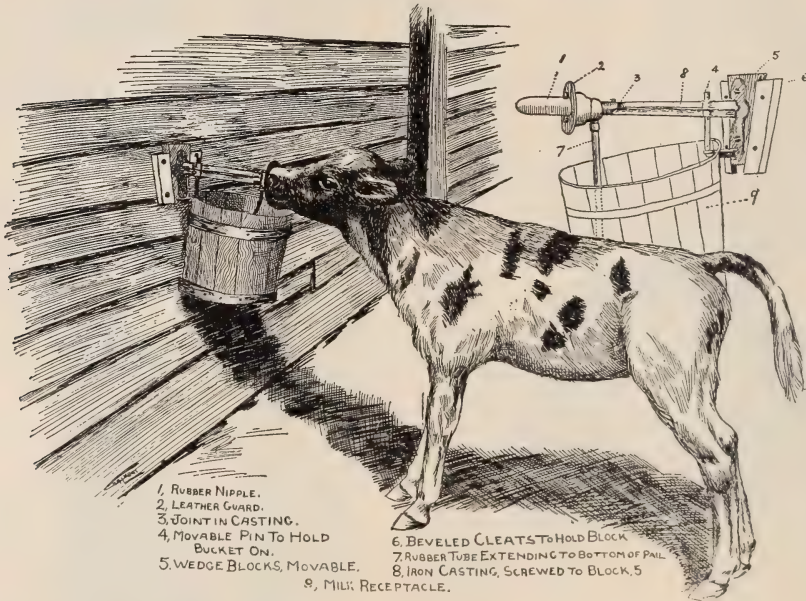


No. 1012—12 qts., each,	\$.90
No. 1014—14 qt., each,	1.00
No. 114—14 qt., each,	.40
No. 124—12 qt., each,	1.10

DAIRY PAILS.



10 qt. ix each,	\$.25
12 qt. ix each,	.30
14 qt. ix each,	.35
10 qt. ixx each,	.30
12 qt. ixx each,	.35
14 qt. ixx each,	.40
10 qt. 1c Flaring .15, 2 for .25.	



THE COMMON SENSE CALF FEEDER.

What It Is. The Common Sense Calf Feeder is a simple, practical device for weaning and feeding calves so simple and so practical that every calf owner will see the value of it at a glance.

What It Does. It enables you to feed the calf out of a bucket in nature's old way. If you could afford to let your calf run with the cow until nature compelled it to seek food elsewhere, there would be

no scouring, unhealthy calves.

Following nature, this feeder not only saves trouble and milk, but it prevents the calf from taking its food in the great gulps that play havoc with the digestive organs.

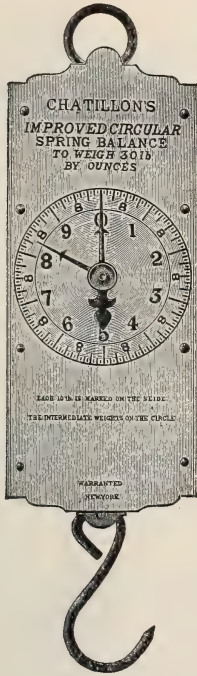
Single Feeder, price,	\$2.00
Double Feeder, price,	3.00
Nipples for same,	.25
Tubing for same,	.25
Reinforcements for same,	.10
Sinkers for same,	.15

RICE'S CALF WEANERS.

- No. 1 For calves till one year old, price, .30; by mail, .35
 No. 2 From one to two years old, price, .50; by mail, .56
 No. 3 For full grown animals and self suckers, price, .75; by mail, .85

MILK AND CREAM SCALES.

These scales are made with a loose pointer, which, by means of a thumb screw on the center of the pointer, may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with pounds divided in ounces or decimally.

**Prices.**

- No. 260 M. O. 30 lbs. by 1 oz., \$3.25
 No. 270 M. O. 60 lbs. by 2 oz., 4.00
 No. 260 M. D. 30 lbs. by 1-20 lb., 3.50
 No. 270 M. D. 60 lbs. by 1-10 lb., 4.25

**CHR. HANSEN'S
DANISH BUTTER COLOR**

is made from purely vegetable Annatto and pure, refined vegetable oil. It is uniform and reliable and is acknowledged by all leading dairy authorities to be the

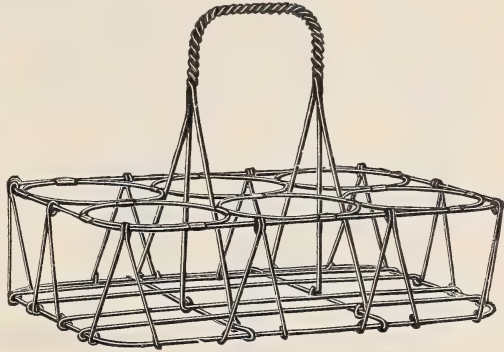
Standard of the World.

Prices:

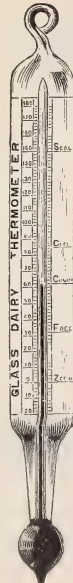
- Case of six one gal. cans, per can, \$2.00
 Single 1-gal. cans, jacketed, per can, 2.15
 20-oz. bottle, per bottle, 1.00
 9-oz. bottle, per bottle, .50
 4-oz. bottle, per bottle, .25

MILK JAR CARRIERS.

- No. 44, 4-qts., \$.50
 No. 46, 6-qts., .65
 No. 4422, 4- qts and 2-pts, .65

**BUTTER PAPER.**

We handle exclusively The Pioneer Brand of high grade vegetable parchment paper and guarantee it to be the very best obtainable. We solicit correspondence for large or small quantities in any size, plain or printed with special design.

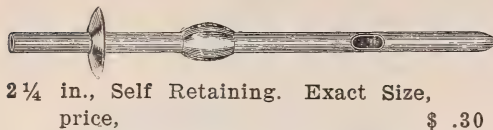
**DAIRY SUNDRIES.**

- Butter Ladles, each, \$0.10
 Butter Spades, each, .05
 Cream Cans, each, .75 to 1.00
 Milk Cans, each, \$1.00 to 1.50

DAIRY THERMOMETERS.

- Small Glass Floating, each, \$0.10
 Large Glass Floating, each,

THE "BOSTON" ASEPTIC MILKING TUBE.



2 1/4 in., Self Retaining. Exact Size,
price, \$.30

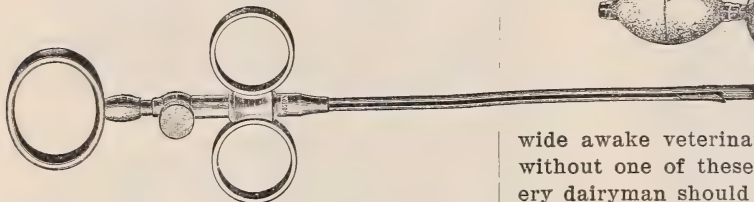


2 1/4 in., plain. Exact size. Price, \$.25

The Boston Aseptic Milking Tube is recommended because it is so well finished and so easily sterilized. It is manufactured regularly in 1 1/4, 2 1/4, 2 3/4, 3 1/4 inch lengths; plain or self-retaining as desired.

"BOSTON" ASEPTIC STRICTURE CUTTER.

An Essential for Every Dairyman.



The Boston is modeled on improved lines, and embodies the highest class of workmanship and utility, yet is so simple that professional assistance, while always desirable, is not necessary. Price, \$3 each.

NO MORE HARD MILKERS. THE "BOSTON" ASEPTIC TEAT DILATOR.

(Dr. Murphy's Modification.)

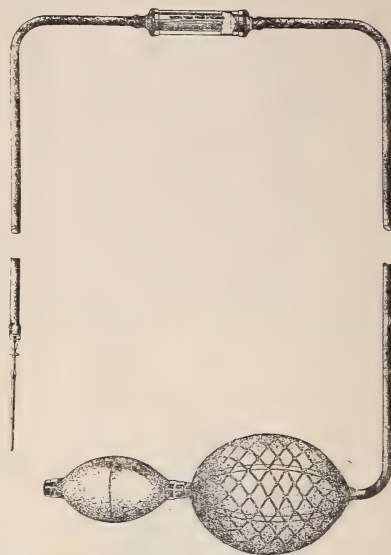


"Spider" in the teat is easily cured, and sphincter paralysis entirely disappears after a few days' use. Recommended by veterinarians and dairymen. Price, .50c. each.

BOSTON MILK FEVER OUTFIT.

A cheap, portable, non-destructible apparatus for use in cases of milk fever.

More economic than oxygen apparatus. It can be carried in the coat pocket. No



wide awake veterinarian case is complete without one of these instruments, and every dairyman should be provided with one for an emergency.

Recommended by Dr. John R. Mohler, Bureau of Animal Industry, Washington, D. C. Price, \$3.50.

THE "FACILE IMPROVED IRON FRAME HAND BABCOCK MILK TESTER.

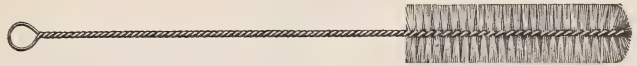
Condensed Description.



Handsome cast iron case and cover, cut spur and worm gearing, malleable iron bottle carrier, seamless brass detachable swinging pockets, for holding test bottles.



Plain Pipette.



Test Bottle Brush—For Cleaning Babcock Bottles.

Enclosed gearing, bottles perfectly horizontal when rotating. Turns easily and runs smoothly and noiselessly at a very high speed.

Prices.

6 Bottle Machine,	\$ 9.00
8 Bottle Machine,	10.00
10 Bottle Machine,	12.00
12 Bottle Machine,	14.00

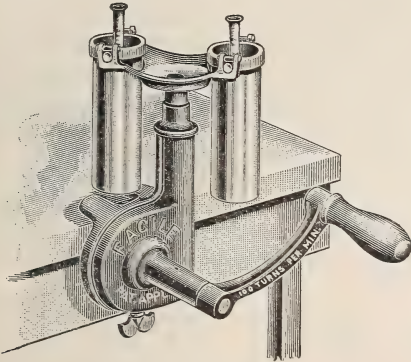
Prices include full set of glassware, comprising test bottles, pipette and acid measure; also test bottle brush and bottle of acid.

THE "FACILE JR." BABCOCK MILK TESTER.

Cut Steel Gears.

An exceedingly simple, light, compact and carefully designed apparatus, especially adapted to the use of the dairy, and also, on account of its light weight, to the Travelling Dairy Inspector.

Complete with full set of glassware, consisting of test bottles, pipette and acid measure, also test bottle brush and bottle of acid, with full directions for use.



Prices.

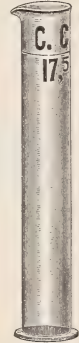
2 Bottle Machine complete for Testing Milk,	\$4.00
2 Bottle Machine complete for Testing Cream and Milk, including two cream test bottles and combined pipette	4.50
4 Bottle Machine complete for Testing Milk,	5.00
4 Bottle Machine complete for Testing Cream and Milk, including two cream test bottles and combined pipette,	5.50



Milk Test Bottle.



Conn. Style. Cream Test.



Acid Measure.

Milk Test Bottles, 10%, each,	\$.20
Cream Test Bottles, 0 to 50%, each,	.30
Ohlson's Skim Milk Bottles, each,	.70
Milk and Cream Pipettes, each,	.25
Milk and Cream Pipettes, 1/2 size, each,	.20
Acid Measure, each,	.20

NOTHING EQUALS WYANDOTTE

DAIRYMAN'S CLEANER AND CLEANSER for washing bottles, cans, separators and



Non-genuine except with this Trade Mark. On every Barrel.

all dairy utensils. It is different from any other article sold for washing purposes. It has no soap grease nor fiery lye in its composition. Neither does it contain acids or preservatives. It cleans everything clean. It removes all staleness and sourness, leaving all as sweet as new. Dairy Colleges and Milk Inspectors heartily recommend this cleaner. If not all we say it

is you may return the unused portion and the trial will cost you nothing. We shall be pleased to fill your order at the following prices:

Bbls., bulk, 280 lbs., net,	\$8.40
Bbls., 50 5-lb. sacks,	8.50
Kegs, bulk,	2.80

ARABIAN SCRATCH AND GALL CURE.

It is a scientific remedy for scratches and Grease Heel. It works as Horsemen like to have it. 3-oz. pkg., .25c.; 9-oz. pkg., .50c.

BAG BALM.

Cures chapped, cracked and sore teats, bunches, caked bag, chafing, cuts and inflammation. Price per box, .50c.

COW RELIEF.



It is used as a local application on cows' bags and teats. It will cure caked bags in 12 to 24 hours, if taken at the start. ½-lb. pkg., .50c.; 1½-lb. pkg., \$1.00.

CALVES' CORDIAL.

Is free if it fails to cure Scours in Cows and Calves. 2 lb. pkg., .50c.

DR. HESS' HEALING POWDER.

Cures Galls, Heals and Prevents Proud Flesh. 4 oz. pkg., .25c.

DR. HESS' STOCK FOOD.



Is the most paying condiment or medicated food ever given to Horses, Cattle, Hogs or Sheep.

2½ lb. pkg.,	\$.25
7 lb. pkg.,	.50
12 lb. pkg.,	.80
12 lb. bags,	.75
25 lb. pail,	1.50
100 lb. sack,	5.00

KOW KURE.

The Great Medicine for Cows Only.

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the roots of trouble, and cures cow diseases by removing the cause.

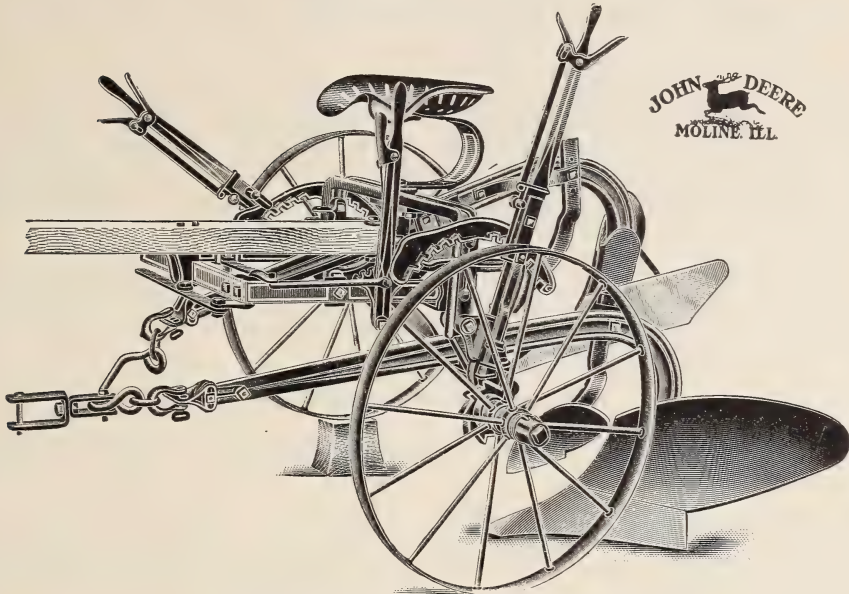
It prevents Abortion, cures Barrenness, removes Retained Afterbirth, prevents Tuberculosis, stops the Scours, cures Milk Fever, Caked Udder, Swelling in the Bag, Bloating, Red Water, increases the flow of milk, cures cows "off their feed," improves the quality of Milk and MAKES COWS PAY.

Prices, .50c. and \$1.00 per can.

GRANGE GARGET CURE.

Positively cures Garget without in any way injuring the cow or lessening the flow of milk, and tones and invigorates the effected parts. Price, .50c. per can.

DEERE TWO-WAY SULKY PLOW



ADVANTAGES OF THE TWO-WAY PLOW.

First—The ground can all be turned one way, leaving no ridges and no dead-furrows in the field. This is true no matter whether working on level ground or on a side-hill.

Second—No time is lost working out irregular “centers” and small patches where the nature of the ground is such that neither square nor rectangular “lands” can be laid out for plowing.

Third—In plowing side-hills the ground can all be worked one-way. Every furrow can be thrown down hill if that method of ploughing is desirable.

Fourth—It enables you to plant close up to the plowing, following the plow immediately with harrow and seeder before the ground dries out.

HOW THE TWO-WAY PLOW WORKS.

The John Deere Two-Way Sulky consists of a pair of right and left-hand plows, mounted on a single frame, each plow having a separate bail. While one plow is in operation the other is hung up out of the way, high enough to escape all trash.

Each plow is independent of the other, having a lever for adjusting depth, a lifting device, and in all ways working as a single plow, except that in leveling either plow for work the lever on the opposite plow must be set so the wheels will assume their proper relative position.

The lift is done entirely by the team, the operator simply pressing the lifting lug into the ratchet on the hub of the wheel.

The pole can be shifted or swiveled by means of a lever within easy reach of the operator, thereby causing the plow to take more or less land. Full width furrows can be cut on curves or other irregular lands.

The draft is from the beam point. With our new pulley shift clevis, the draft link shifts on the rod from one plow to the other according to which plow is doing the work. The pulley wheel on the clevis allows perfect action in this respect and further latitude is obtained by the swivel arrangement. The draft is adjustable as to the height.

HOW THE TWO-WAY PLOW IS MADE.

The entire plow is high grade, being made of high carbon steel and malleable iron. In this respect it should not be classed with the cheap plows which are constructed, for the most part, of cast iron.

The frame is high carbon steel, of pleasing design, and built for strength. The axles, bails, levers and wheels are steel. The wheels have staggered spokes, wide tires and dust-proof boxes, and are the strongest known. The width between the wheels is greater than on any other two-way plows, so there is no danger of tipping over when plowing very rough ground or on steep hillsides. Our beams do not spring nor break.

The moldboards are soft center steel and double shinned by welding a piece of solid steel to the edge where the hardest wear comes. The land-sides are thicker by far than those in use on other plows and are fitted with a runner which takes all wear from the bottom and reduces friction.

SIZES AND EQUIPMENT.

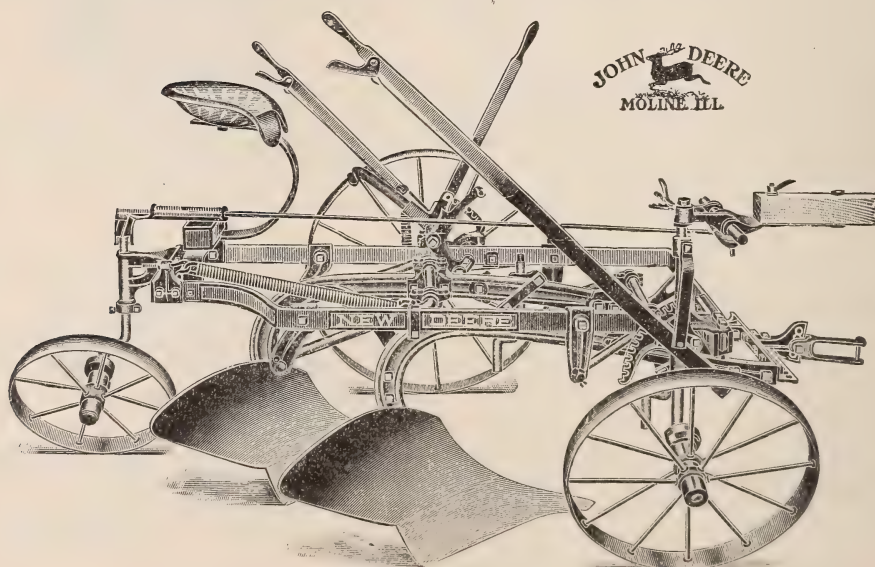
No. MP10.—Two-horse, furrow four to nine inches deep, 12 inches to 16 inches wide. Price, \$50.

No. MP13.—Large two-horse or three-horse, furrow five to ten inches deep, 14 to 18 inches wide. Price, \$50.

Furnished regular with either jointer or standing cutter at option of purchaser. Rolling coulter furnished when wanted but charged extra.

Each sulky is furnished with neckyoke, two-horse evener and wrench. Convertible two and three-horse evener furnished when wanted at a slight additional cost.

NEW DEERE GANG PLOW



It is no exaggeration to say that the New Deere Sulky and its running mate, the New Deere Gang, represent the highest type in three-wheel Plow construction of the times, and their sale is steadily increasing each year.

Like all other Riding Plows of our make, this is a beam draft Plow, as this is the only scientifically correct way of hitching to a plow. By this hitch all undue

strain is kept from the frame, the automatic lift is preserved and all possibility of the Plow not holding to the ground when hard and dry is fully overcome. The clevis admits of very close adjustment for landing the Plow or for different sized horses.

We have the neatest and most effective foot trip and foot lift on the New Deere Sulky and Gang that has ever been devised. A slight push with the foot releases the Plow, which enters the ground point first and reaches its proper depth within eighteen inches' travel. The foot lift is so easy that a mere child can operate it. It starts the Plow out point first and when in motion the team supplies most of the power required to throw the Plow out of the ground. The lift is directly in front of the driver, where the weight can be instantly applied.

As soon as the Plow gets its depth it is automatically locked in the ground and cannot lift until pressure is applied to the foot lift. In stony or rooty ground it is often desirable to leave the Plow loose in the frame, so it can rise automatically when it strikes a stone or root. By the simple turn of a set-screw the locking device may be thrown off its center, when the Plow hangs loose or floats in the frame, and on striking any obstruction will rise out of the ground and frequently save the point of a share.

A loop under the beam and attached to the front of the frame keeps the Plow from riding on its nose or going too deep into the ground if the driver is careless in his hitch or when plowing uneven ground. This also insures an equal distribution of the weight on the wheels.

The tension of the lifting spring is adjusted by turning a nut and can be given such a nice balance that only a slight push of the foot is necessary either to drop the Plow or raise it.

Rolling coulters of the best material and most approved type, free running, with durable chilled bushings, and capable of the best work and long wear, fully adjustable, are furnished with all New Deere Plows.

The landside is solid steel, easily detached by removing two bolts, and the Plow may then be used without landside. In most instances this is preferable, as it reduces landside friction and makes possible shorter turns.

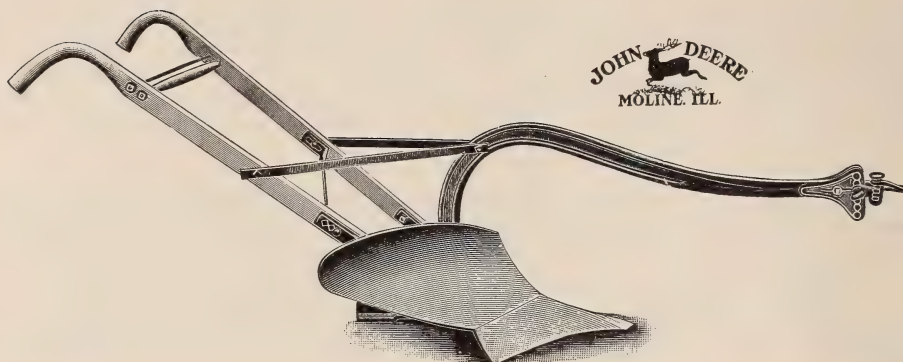
Prices of New Deere One-Way Sulky Plows.

12 in. Cut with Jointers or Hanging Cutters,	\$42.00
13 in. Cut with Jointers or Hanging Cutters,	42.00
14 in. Cut with Jointers or Hanging Cutters,	44.00
16 in. Cut with Jointers or Hanging Cutters,	46.00
If fitted with Rolling Coulters, add	1.00

Prices of New Deere Gang Plows.

20 in. Cut with Jointers or Hanging Cutters,	\$66.00
24 and 26 in. Cut with Jointers or Hanging Cutters,	68.00
28 in. Cut with Jointers or Hanging Cutters,	70.00
If fitted with Rolling Coulters, add	1.50

DEERE WALKING PLOW



STEEL FRAME PLOW—GENERAL PURPOSE SERIES—STEEL BEAM DEERE QUALITY—THE HIGHEST TYPE OF PLOW BUILT.

Wrought Steel Frame.

Double Beaded Steel Beam, high curve.

Straight Handles, interchangeable on all Plows of same size and pattern.

The Share is hardened Soft Centre Steel, which may be drawn out and resharpened when dull. The Moldboard is Soft Centre Steel and Double Shinned by welding a piece of solid steel to the edge where the hardest wear comes. The Landside is thicker by far than is to be found on any other Plow and is fitted with a runner, or slip heel, which takes all wear from the bottom and reduces friction.

The Plows of this series are built to work in old ground, stubble or tame sod.

Having a low, wide throat it leaves a clean furrow for the furrow horse and plowman to walk in. They have a wide, easy turn of the moldboard, which gives them lightness of draft, and are general favorites in all the New England States.

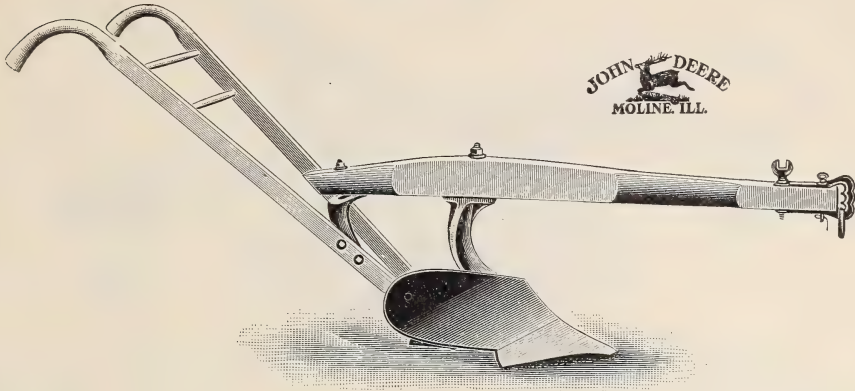
Sizes and Equipments.

No. MP10—Small Two-Horse, with Wheel and Straight Cutter, price,	\$16.75
No. MP10—Small Two-Horse, with Wheel and Jointer, price,	17.25
No. MP10—Small Two-Horse, with Wheel and Rolling Coulter, price,	17.75
No. MP13—Medium Two-Horse, with Wheel and Straight Cutter, price,	17.50
No. MP13—Medium Two-Horse, with Wheel and Jointer, price,	18.00
No. MP13—Medium Two-Horse, with Wheel and Rolling Cutter, price,	18.50
No. MP15—Large Two-Horse, with Wheel and Straight Cutter, price,	18.25
No. MP15—Large Two-Horse, with Wheel and Jointer, price,	18.75
No. MP15—Large Two-Horse, with Wheel and Rolling Cutter, price,	19.25

We offer a small one-horse Plow similar in every respect to the General Purpose Series, but with Solid Steel Moldboard and Crucible Steel Share.

No. MB8—One-Horse, with Wheel and Straight Cutter, price,	\$10.00
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DEERE WALKING PLOWS



Chilled Iron Plow—Wood Beam.

Chilled cast iron bottom throughout.

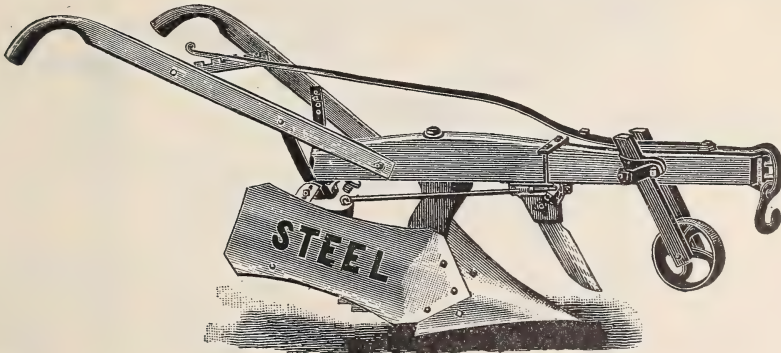
Beam indexed on all sides to adjust landing.

In shape they are made with the same care and the same regard to efficient working qualities that characterize the Deere Steel Plows.

No. V8—Medium Two-Horse, with Wheel and Jointer, price, \$4.50

No. V9—Medium Two-Horse, with Wheel, price, 6.00

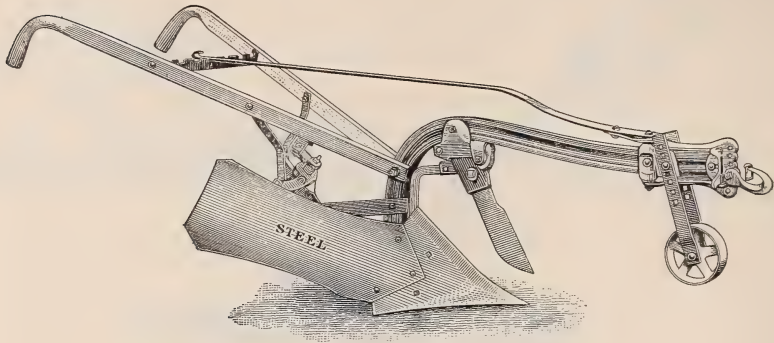
The Haskell Wood Beam Swivel Plow With Automatic Shifting Cutter



This Plow is built for use on level land and we positively guarantee it to do as good work as any landside plow and to work the same both ways. We make this plow in three sizes and two Styles. The A. common two-horse has a capacity of from 6 to 8 inches deep, and 14 to 16 inches wide. The B. light two-horse, has a capacity of from 4 to 6 inches deep, and 12 to 14 inches wide. The C. is a small one-horse Plow for which there is a demand. They are all very light draft.

Size A., Wood Beam, Steel Moldboard, price,	\$11.00
Size B., Wood Beam, Steel Moldboard, price,	10.50
Size C., Wood Beam, Steel Moldboard, price,	7.25

The Haskell Steel Beam Swivel Plow 1907 Model

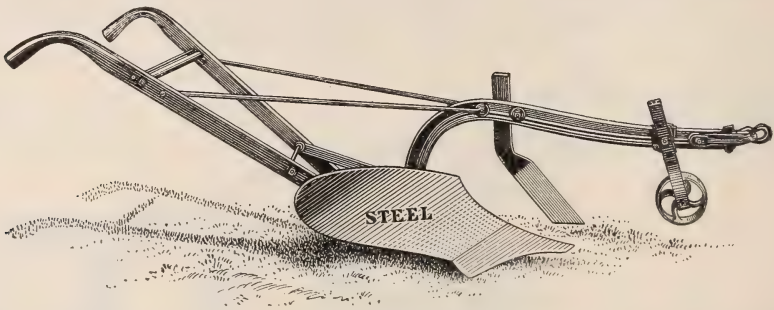


This cut shows the latest improved 76 pattern Steel Beam Swivel Plow, the best on the market.

Light, strong, and durable, and the lightest draft. Guaranteed to work perfectly on level land or hillside, and to turn alike both ways when properly adjusted. This style is made in the B size only, and the point, crotch and foot latch are interchangeable with the regular B with wood beam.

Size B, Steel Beam, Steel Moldboard, price, \$11.50

The Haskell (Frye Ideal Pattern) Steel Beam Plow



This style Plow is very popular, especially in Maine, and needs no introduction.

It has a steel beam, malleable iron standard, steel landside and moldboard, chilled point and shoe and is equipped with either jointer, rolling coulter or straight cutter.

We can furnish steel edged points for wild grass plowing, also cutter points.

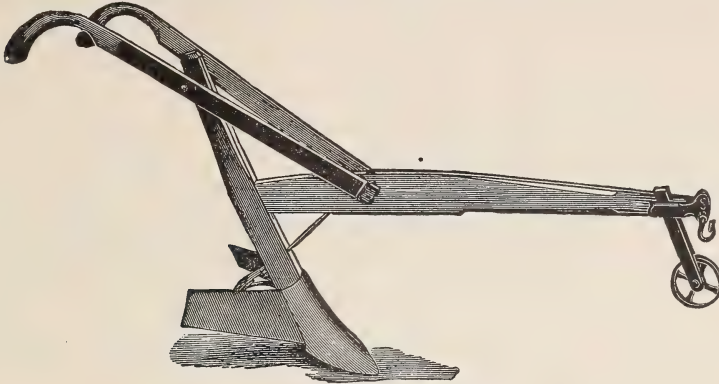
We make this plow in two sizes. The No. 55 two-horse plow has a capacity of from 6 to 8 inches deep by 14 to 16 inches wide.

The No. 65 three-horse plow has a capacity from 7 to 9 inches deep by 16 to 18 inches wide.

This style plow is exceedingly easy draft and turns a nice flat furrow.

No. 55—Haskell (Frye Ideal Pattern) Steel Beam, price, \$11.50

WING SHOVEL PLOW

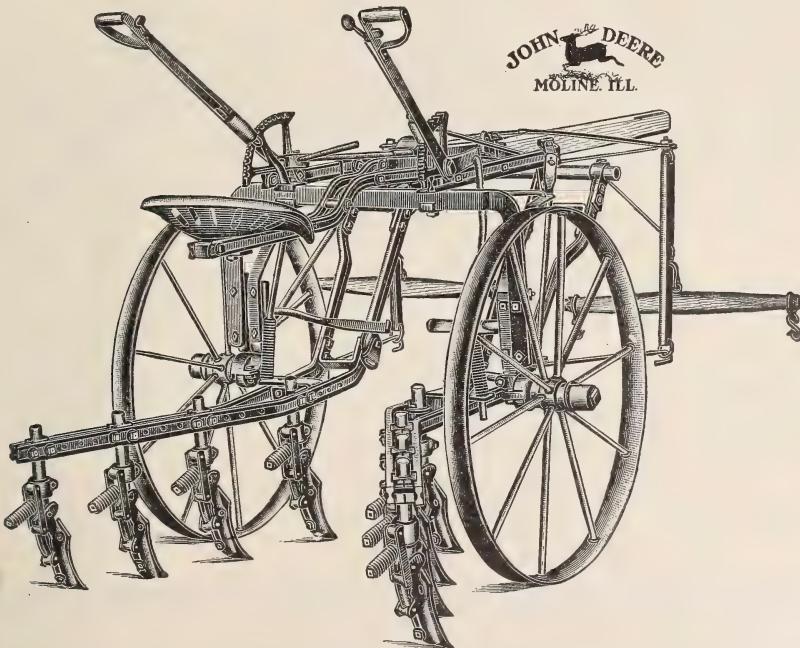


Wing SHOVEL PLOW.

This is an admirable plow for hilling as well as digging potatoes, etc. It is a single Shovel Plow, with adjustable Steel Wings, which can be let out to any desired angle by means of punched spread rods shown in the cut. It is sometimes convenient to work these Plows with but one wing, which can be readily done, or the two wings can be worked simultaneously at different angles.

Wing Shovel Plow, with Wheel, price,	\$3.50
Wing Shovel Plow, without Wheel, price	3.00

DEERE PIVOT AXLE CULTIVATOR



Deere Pivot Axle Cultivator Equipped with Spring Trip Rigs.

Adaptability. A general purpose Cultivator adapted for a very wide range of work, such as corn, potatoes, beans, cabbage, and general truck farming, and for which greater merit is claimed than can be had in any other similar tool. It is all steel and malleable, built to make it substantial, attractive in appearance, with ample strength and durability.

Pivot Wheels. This feature is particularly useful for hillsides or for work in irregular rows when the wheels, guided by the feet, may be instantly turned to the right or left as desired. The foot rests are so arranged that they may be easily adjusted to any position necessary for the convenience of the operator in controlling the wheels. The wheels may be made rigid for level work by a hook rod attached to the frame bar engaging with the clamp on the adjusting bar. The wheels are 34 inches in diameter, 2 ½ inch concave tire, staggered spokes, and are equipped with oil-tight, dust proof, screw cap, long distance boxes. With these boxes it is an easy matter to oil the axles by filling the screw cap with axle grease and screwing same into place on the hub, thoroughly lubricating the axle by forcing the grease the entire length of it.

Frame. Is adjustable, affording a variation of thirteen inches in the tread of the wheels, adapting the Cultivator to any width of row from 28 to 48 inches. The arch has a clearance of 34 inches in height. Special attention is called to the fact that the frame of this machine does not over-hang the wheels and at any adjustment the wheel tires are clear of obstruction. There is no protruding frame when wheels are set for narrowest track.

Pole. Has an up-and-down adjustment at the rear end for the purpose of regulating the depth of the front shovel and leveling the machine to suit any height of team.

Rigs. Are of high carbon channel steel, and being double with holes punched at equal distances in the web of the beam, enables the user to have two, three or four shovels on a side at any desired space. The rigs have a lateral adjustment of nine inches, and can be widened or narrowed while the shovels are in the ground by a small lever within easy reach at the left of the operator. They also extend out beyond the wheel far enough to allow the rear shovel to cut out the wheel track.

Shanks Of 1 ½ inch round steel with malleable sleeves, are held in position between the beams by two malleable blocks securely fastened by two bolts, and are made either pin or spring break; equipped with double point shovels of various widths. These standards are made in two lengths, the short ones being regular for level cultivation and long shanks, especially provided, for working below the ground level, as in furrows or on ridges of any kind.

Couplings Have an adjustment for taking up the wear, thus always insuring a close fit on the shifting bar.

Side Levers Serve both to raise and to lower the rigs, also regulate the depth, and are equipped with compression spring, giving an even and slightly yielding pressure on all the shovels, or, by removing the cotter on top or compression spring, they are readily converted into floating rigs. When the rigs are raised to the highest position out of the ground, they automatically lock the pivotal wheels, thus making the machine rigid for turning or backing. This is a very desirable feature and not found on any other Cultivator of similar type.

Hitch Is of the drop or pendant style, pulling directly on the rigs, thus bringing the draft in the proper place and removing all the neck weight while at work.

Pendants Are held in a perpendicular position by a rod connecting them with the evener, thus preventing the drawing in and overlapping of the singletrees.

Seat Is large and comfortable, adjustable to height as well as to the weight of the driver and insures a perfect balance while Cultivator is in operation.

SHOVEL EQUIPMENT

Shovel Equipment

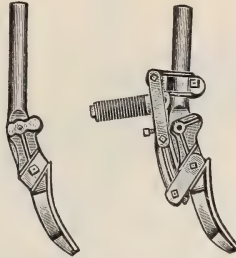
Special and regular — consists of 4, 6 and 8 shovels of the various kinds, widths and lengths to meet all requirements and are made in pin break and spring trip.

The Spring Trip Sleeve is so constructed that it can be used as a pin break, thus providing a convenient combination.

We also furnish Spring Tooth Rigs, the Shanks of which are so constructed as to attach to the regular beams.

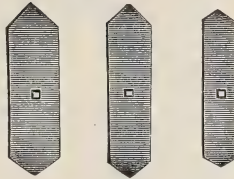
Further attachments can be furnished in the form of Furrowing Shovels, Disk and Moldboard Hillers, Weeders and center shovel attachments.

We call particular attention to the disk attachment which is constructed with the shank back of the disk, leaving an unobstructed face of the disk and equipped with solid closed end, hard oil box.

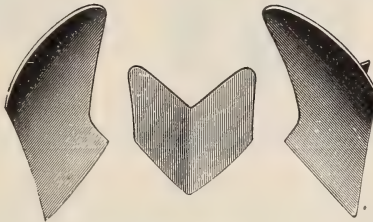


Pin Break

Spring Trip

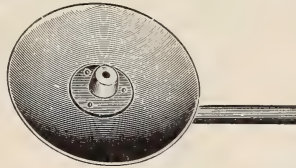


Regular Shovels
of various
widths

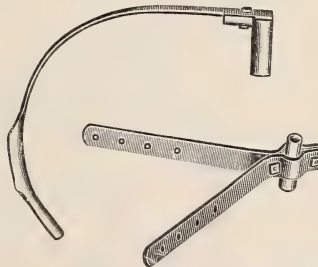


Moldboard
Hillers

Furrowing
Shovel



Disk Hiller

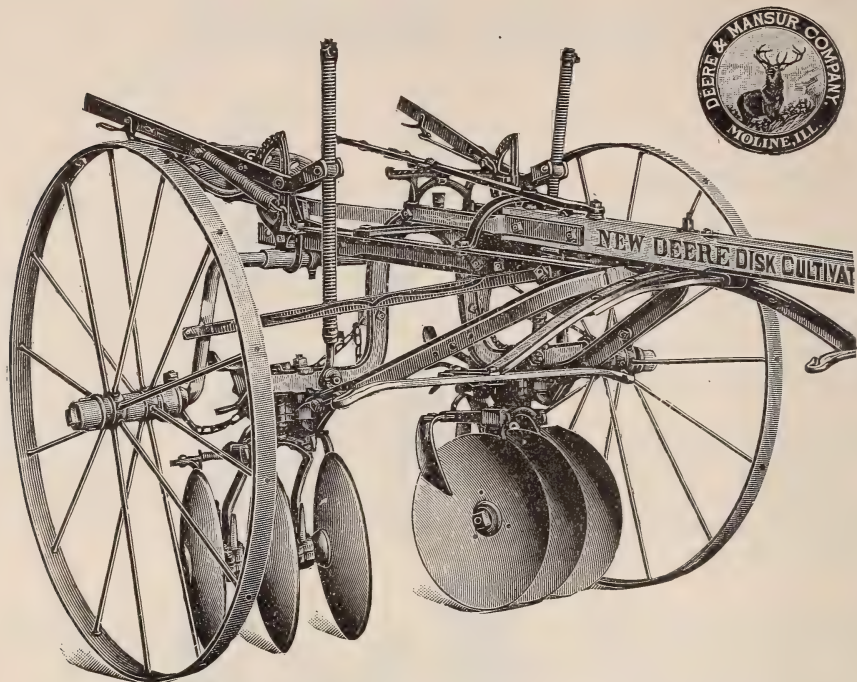


Spring Tooth

Center or Fallow
Attachment

NEW DEERE DISC CULTIVATOR No. 24

In calling attention to the New Deere Disc Cultivator mention may well be made of several important improvements in this class of implements. Malleable iron is used almost exclusively, thus combining lightness of weight with greater strength and an entire freedom from breakage. The adjustments for angling or tipping the gangs are instantly made, and the gangs lock securely in any position, and the locks are so designed that all lost motion is done away with.



Especially Adapted for Cultivation of Corn, Potatoes, Etc.

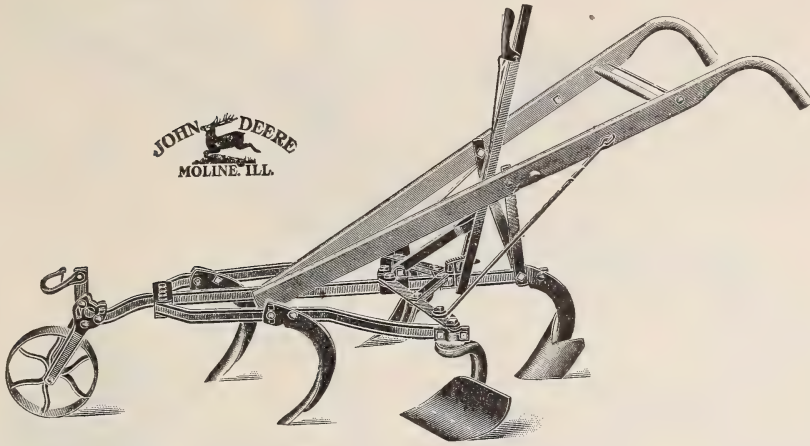
In reversing the gangs from in-throw to out-throw it is not necessary to take them off, merely loosen one nut on each gang, allowing it to be swung around in reverse position. When scrapers are used it is necessary to reverse them, but this is very quickly done by simply removing two spring cotters.

The main frame of this cultivator is made in one continuous piece. The cross brace is tubular steel and axles are very quickly telescoped, and tread adjustment can be secured for 30 inch rows up. Wheels are steel with $1\frac{3}{4}$ inch tire, have staggered spokes, steel hubs and renewable bearings. Wheel boxes are of a new and improved pattern and are secured to the axle without boring holes therein. Compression hard oil caps are screwed on to the ends of the hubs, and provide means for the most thorough lubrication, at the same time excluding all dust and dirt.

The No. 24 Cultivator has a pivotal frame, and dodging is accomplished by means of a horizontal lever immediately in front of the driver. If it is not desirable to use this lever, the gangs may be dodged directly, in which case the lever is locked in the central position. Extra long and flexible cushion and pressure springs are provided, so that as slight or as great a pressure as is desired can be placed on the disc gangs. The lifting levers are also provided with springs which make this cultivator the easiest lift on the market and they can be readily operated by a boy. The seat hounds are hinged to the frame, and the seat can be instantly thrown forward out of the way. The gang draw-bars are forged with integral heads. They never break as castings will, and never come loose as bolts are liable to do. The double-tree bar and singletrees are of steel. The doubletree bar is dropped 6 inches, giving direct draft and perfect balance to the cultivator. The disc bearings are of a new and improved pattern. The bearing surfaces are of hard maple, oil soaked. The spools are cast with the collar in the center, which takes all the end thrust. The oil enters the bearing at this central point, and insures thorough lubrication of the bearing. The flow of the oil is from the center to the outer ends of the bearing, which prevents any dust or dirt from coming in contact with the bearing surfaces.

No. 24 Deere Disc Cultivator, with 6-16 inch Discs, price, \$34.00

DEERE STEEL CULTIVATORS

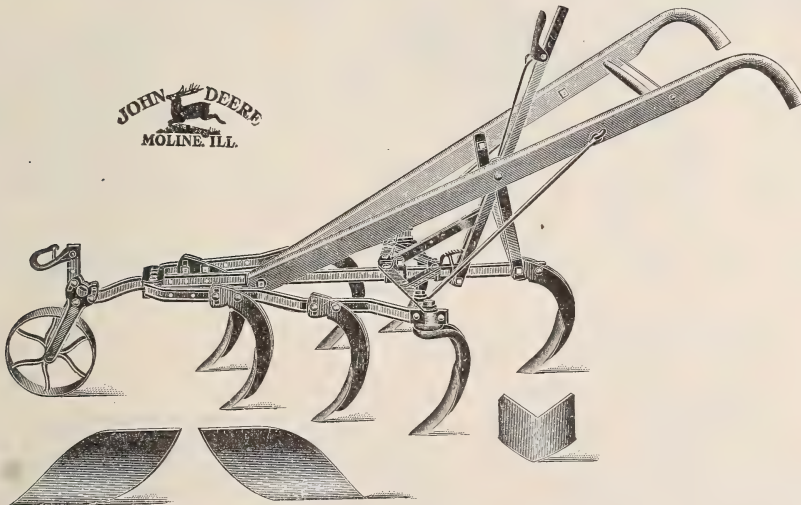


Deere Steel Five Tooth Cultivator with Horse Hoes, Sweep and Wheel.

The Cultivator is made entirely of Steel, except the handles, making a stiff, light, strong frame. The frame is made extra long and high, which prevents clogging and makes the cultivator run much steadier. The Shovels are steel and reversible. The front and rear shanks have three holes at the top, allowing the shank to be set at different angles.

No. 6—5 Tooth Deere Cultivator, with Wheel, Lever and Horse Hoes, price, \$5.25

No. 6—5 Tooth Deere Cultivator, with Wheel, Lever and Celery Hillers, price 6.25



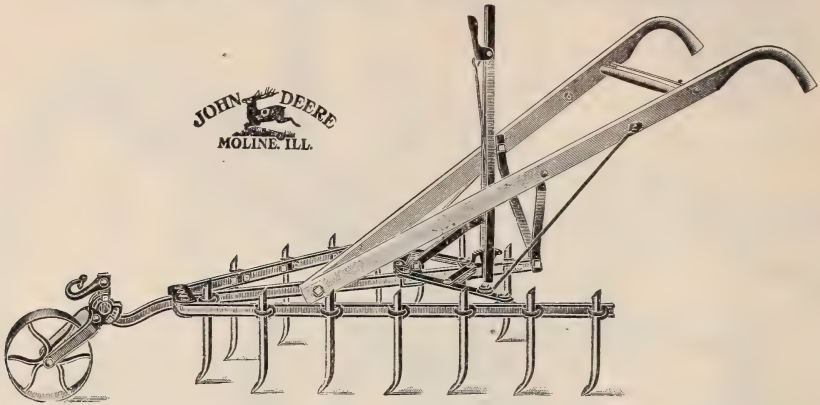
Deere Steel Seven Tooth Cultivator, with Horse Hoes, Sweep and Wheel.

The same as the No. 6, but with seven teeth instead of five.

No. 14—7 Tooth Deere Cultivator, with Wheel, Lever and Horse Hoes, price, \$6.50

No. 14—7 Tooth Deere Cultivator, with Wheel, Lever and Celery Hillers, price, 7.50

DEERE STEEL CULTIVATOR

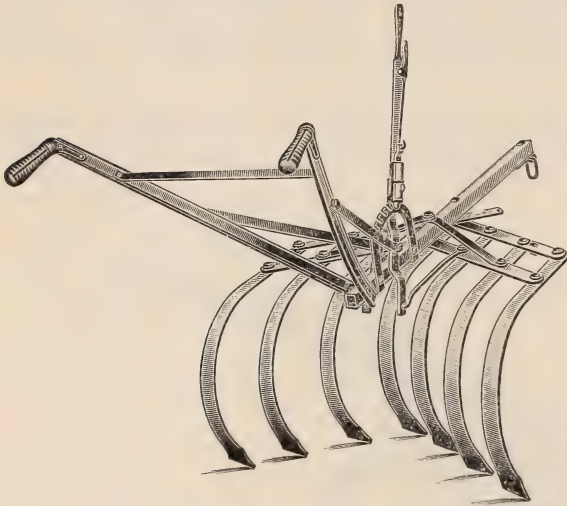


Deere Steel Combined Fourteen Tooth Cultivator and Harrow.

These cultivators are guaranteed to be made of strictly first class material, in a first class manner. They are strong, substantial and lasting, and will do strictly first class work.

No. 20—14 Tooth Deere Combined Cultivator and Harrow, price, \$4.50

Deere All Steel Diverse Cultivator with Lever



DEERE DIVERSE.
Shown as an A-Shaped Cultivator.

A Universal Cultivator or Harrow and a great favorite for cultivating corn, potatoes, etc. Through its numerous adjustments the Deere Diverse Cultivator as regularly furnished can be converted into six distinct tools, as follows:

Diverse Cultivator, with center tooth in rear.

Diverse Cultivator, with center tooth forward.

Seven-tooth Side Harrow, either right or left.

Five-tooth Side Harrow, either right or left.

Seven-tooth Straight Harrow.

Five-tooth Straight Harrow.
Deere Diverse Cultivator,
price, \$5.50

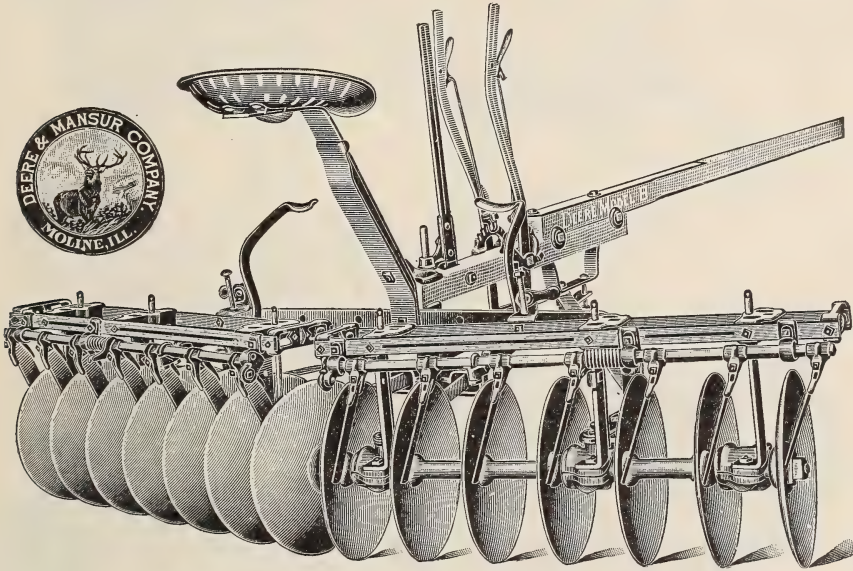
DEERE MODEL B DISC HARROW

The Model B Harrow has many distinctive features not found on those of any other make. The independently working gangs allow greater flexibility than is found in the ordinary disc harrow, and this flexibility is naturally increased to an almost unlimited extent by the use of the spring pressure attachment, the tension of which is controlled by means of a lever and rack, insuring thorough pulverizing of the soil throughout the entire width of the harrow under all conditions, regardless of dead furrows and ridges.

When the inside end of gang passes over any obstruction or uneven surface, the spring equalizer permits it to rise while the other gang remains at work. When it is passed, the equalizer is so constructed that its pressure throws it swiftly back into position.

By the use of two levers, independently connected with the gangs, different angles to the line of draft can be given the gangs, overcoming the tendency to crowd towards the down-hill gang when working on side hills, or towards the soft ground when overlapping.

The gangs are pivoted on a line with the disc shafts. The boxes are as near dust-proof as it is possible to make them, and the bearing surfaces are of oil-soaked maple set into cast boxes, the wood outlasting the ordinary cast bearings many times over. The boxes are provided with oil tubes extending up to the top of the shank and closed at upper end with a spring cotter, serving to keep the vents free from dirt or dust. The shanks are of steel, avoiding the breakage incident to the use of those made of cast iron.



The oscillating scrapers are operated by treadles in easy reach of the driver's foot, can be locked off the discs or at the edge of the discs or operated as a swinging scraper. The frame is very heavy and has high arch. The seat spring is double leaf, affording comfort to the operator. Stub poles are furnished in all sizes, and set over irons can be used either side. A fore-carriage or tongue truck can be furnished in place of the regular pole at slight additional cost. This harrow has a low hitch, giving direct draft.

A first class seeder attachment can be furnished for either size and will broadcast almost any kind of seed in a very satisfactory manner.

No. OC23—12-16 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	\$29.00
No. OC26—12-18 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	30.00
No. OC32—12-20 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	32.00
Add for Weight Boxes, per pair,	1.00
Add for Cut Out Discs instead of plain,	1.50
Add for Fore Carriage or Tongue Truck,	5.50

DEERE MODEL K DISC HARROW

The Deere Model K is a very strong, substantial, two-lever harrow. It is slightly lighter than the Model B, but has incorporated in it many of the superior points that have distinguished the Model B Harrow from the ordinary harrow on the market.

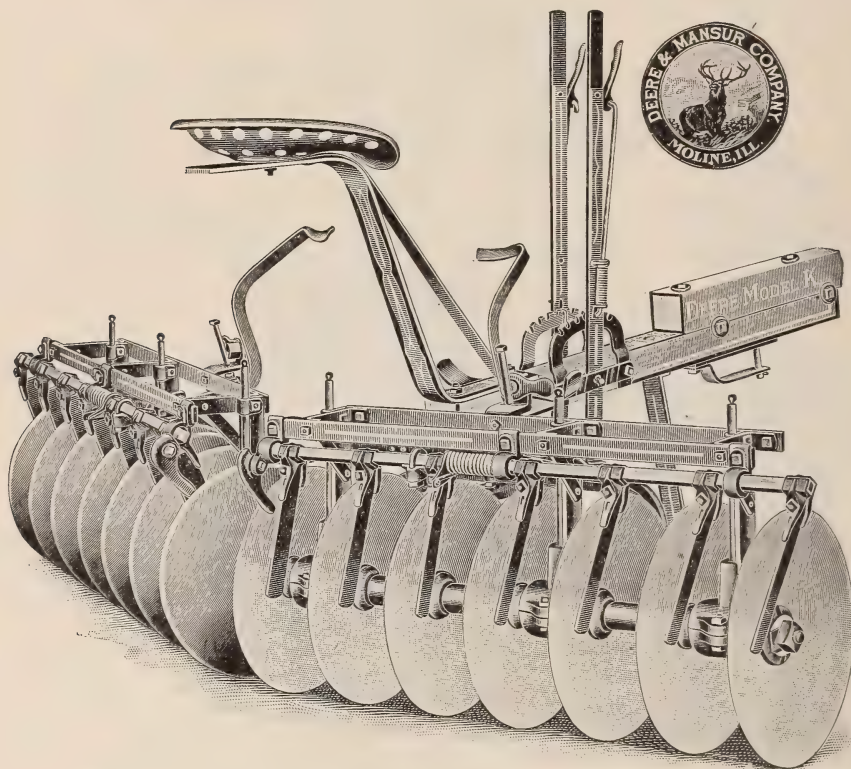
To any one who desires a cheaper harrow than the Model B, without its distinctive features, but at the same time an implement that is first class in every respect, we unhesitatingly recommend the Model K.

The frame is of the arch type and is made from a single piece of very heavy steel.

The Scrapers are of improved oscillating style, they are independently removable, adjustable, and replacable.

The Bearings are hard maple soaked in oil, which is a feature of all Deere Harrows.

Has double angling levers, stub pole, and a low hitch.



No. K23—12-16 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	\$24.00
No. K26—12-18 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	26.00
No. K32—12-20 in. Discs, with Neck Yoke and 3-Horse Eveners, price,	28.50
Add for Weight Boxes, per pair,	1.00
Add for Cut Out Discs instead of plain, price,	1.50
Add for Fore Carriage or Tongue Truck, price,	5.50

Deere Universal Steel Lever Smoothing Harrow

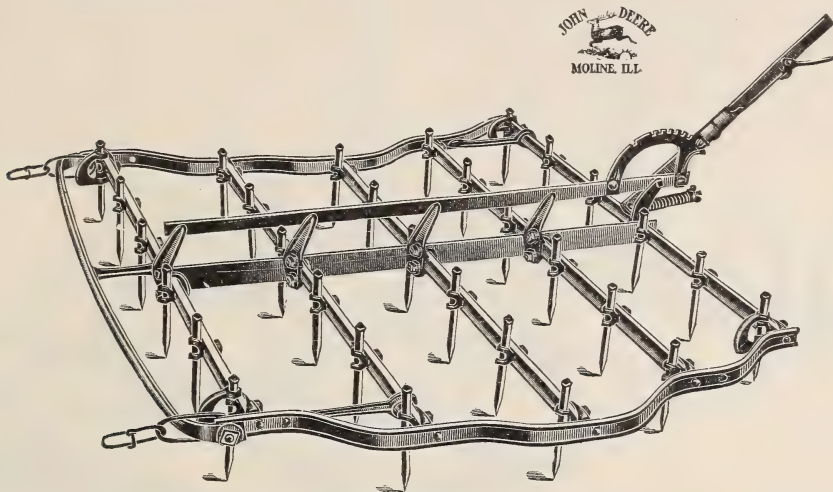
Strong, Flexible, Durable, with Spring Trip.

The tooth bars are made of U bar steel, which insures strength without useless weight.

The teeth are fastened by a patent tooth fastener which hold the teeth firmly yet permits the tooth to be removed for replacing with new one or to turn the tooth to present a new Corner to the work.

The side bars are made of I bar steel to give even spacing to the teeth. They form guards which prevent the tooth bars from catching on shrubbery and trees in orchard or vineyard. The lever is of convenient length, placed within easy reach, and is provided with a spring trip which preserves the teeth when using the harrow in stony or rooty ground.

A circle brace on the front of the section adds strength to the construction as well as acting as a guard.



Has malleable iron runners at each corner, which takes up wear in transporting.

2-Section, 60— $\frac{5}{8}$ in. Teeth, Cuts 10 Feet, price, \$13.00

Imperial U Bar Spike Tooth Lever Smoothing Harrow.

We frequently have calls for a one-horse, single section, smoothing harrow, and to those wanting such a harrow we offer the Imperial with the assurance that it will give excellent satisfaction.

1-Section, 30— $\frac{5}{8}$ in. Tooth complete, with draw bar, price, \$6.50

DEERE UNIVERSAL DISC HARROW

Three-Foot with Shafts.

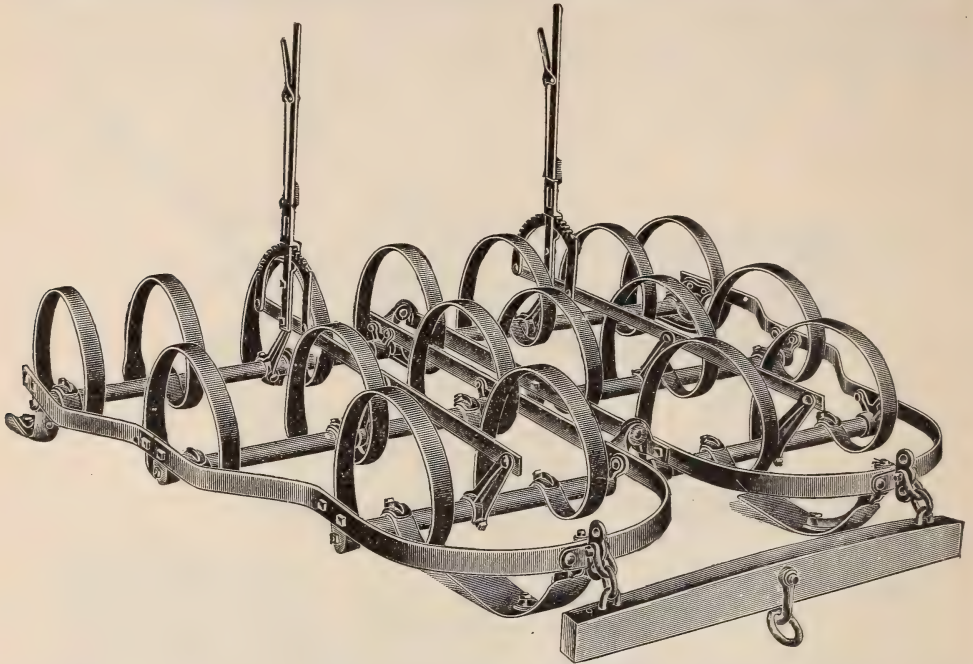
The Deere Universal Disc Harrow is what its name implies—for every use. It was built especially to meet the demand from fruit growers, truck gardeners, orchardists, and for general cultivation on small farms. It is built in 3 ft., 4 ft. and 5 ft. sizes, furnished with either 16, 18 or 20 in. discs. Each size can be converted into one foot wider cut by means of extra discs and collars.

The 3 ft. size is equipped with either regular tongue or combination pole and shaft so that it can be used with one or two horses. It is very complete and easily changed from in-throw to out-throw. Also almost instantly adjusted in or out on the main frame. The frame is extra high, so that a plant of considerable size may be cultivated after the manner of a regular two-horse cultivator. Scrapers are of spring steel locked against the discs by spring pressure. The harrow can be furnished less scrapers at reduced cost. It is a double lever harrow, which is of advantage when working on hillsides or over-lapping lands. Stub tongues are furnished on all sizes except the three-foot, which is a great convenience in storing in limited space or for three-horse hitch, using set-over irons. Hard maple, oil-soaked bearing bushings are used on the disc gangs. This form of bearing is now accepted as the standard for disc harrow use, and is used on all styles of Deere Disc Harrows, and has been for years.

As stated above, this harrow has a great variety and range of adjustments, and these adjustments are all readily made. Can be used in in-throw or out-throw, wide adjustment or narrow adjustment; the gangs tipped up either way for hilling or trenching, and this harrow has been found to meet very satisfactorily all requirements.

Universal Disc Harrow, with 6-16 in. Discs, Convertible Pole or Shafts, price, \$23.00

Imperial Elevated Frame Spring Tooth Harrow

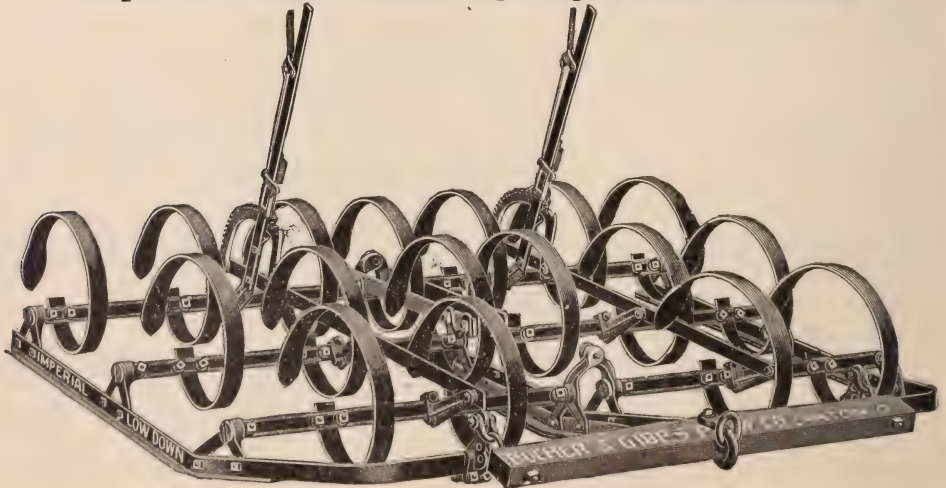


The Frame of this Harrow is of heavy steel, made narrow in front so as to readily pass obstructions. The Cross Bars are round steel tubes to which the teeth are attached as shown in cut.

Each section has three Runners, which, when worn, may be removed at small cost. The front caster Runner turns in either direction and allows the Harrow to be easily turned about without buckling the frame, which often happens when a solid runner is used. The rear runners, one at each corner of the frame, are stationary, oval in shape, $2\frac{1}{2}$ inches wide and 12 inches long. See illustration above, of runner and renewable shoe.

No. 126—2 Sections, 15 Tooth, price,	\$16.00
No. 127—2 Sections, 17 Tooth, price	17.00

Imperial Low Frame Spring Tooth Harrow



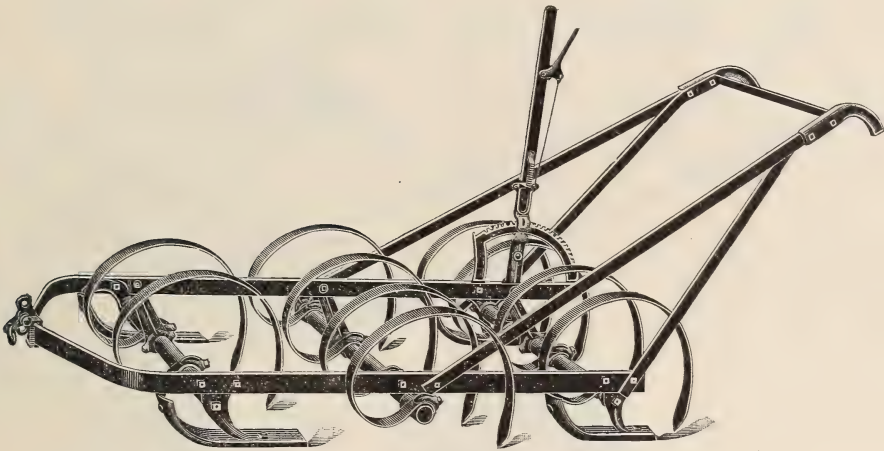
Imperial Low Frame Spring Tooth Harrow

The construction of this Harrow insures strength, wearing qualities and efficient work. The frame is made of angle steel, which rests on the ground forming runners. It is reinforced on the under side by heavy steel shoes and these can be replaced at slight expense when worn out. The cross bars and middle parts of the frame are built high enough from the ground to prevent the accumulation of trash. The teeth are made of the finest spring steel, $1\frac{3}{4}$ inches wide, and are attached to the cross bars by a malleable clamp which permits of an adjustment of the teeth to any desired height or angle.

No. 326—2 Sections, 15 Tooth, price \$16.00

No. 327—2 Sections, 17 Tooth, price, 17.00

One Horse Spring Tooth Runner Cultivator or Harrow



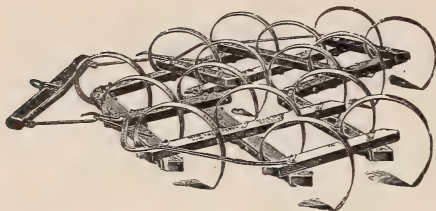
In this type of Cultivator the frame is carried on four runners, one at each corner, as shown in the illustration. It is made in two sizes, 8 and 10 tooth. Each Runner consists of a malleable bracket and renewable steel shoe. The latter when worn can be replaced at slight expense. The Teeth, made of the finest oil-tempered steel, are attached to round steel tooth bars by means of malleable friction clamps. These clamps are bolted to the tooth bars through slotted holes which allow an adjustment of the teeth equal to three inches at the point. The Teeth are set at the desired depth by the lever which is easily operated from the rear. Trash caught by the points of the teeth may be unloaded at any time without stopping by releasing and then re-setting the lever.

This Runner Cultivator is a very substantial and durable implement, all steel, strongly made and nicely finished.

No. 124 —Spring Tooth Harrow, with 8 Teeth, price, \$9.50

No. 124½—Spring Tooth Harrow, with 10 Teeth, price 10.00

OLD ORIGINAL PERRY HARROW



The Wood Frame Perry Harrow is the most durable of the Spring Tooth Harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for fifteen years.

Price, 16-Tooth \$8.00

Price, 18-Tooth, 9.00

U. T. K. Combination Harrow

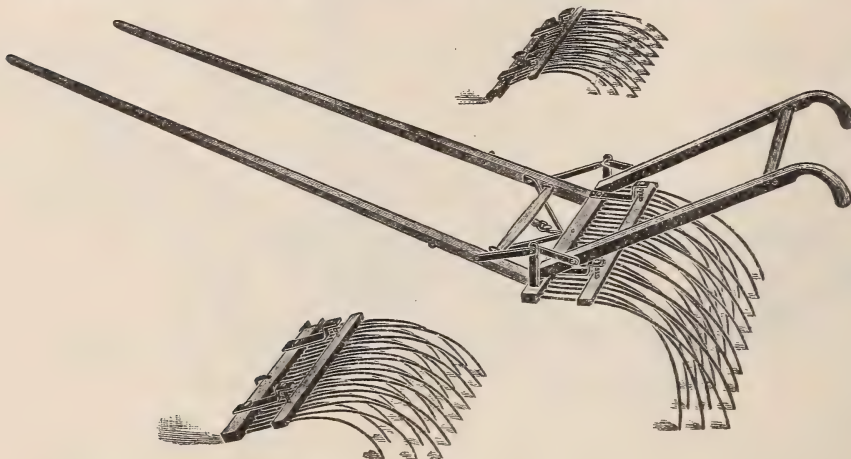
Wood and Steel Frame.

The large number of farmers do not care to invest in steel frame Harrows, and in looking for medium priced tools they find in the combination frame just what they desire—a Harrow which will outlive a number of the wood frame style and yet is low in price. The U. T. K. is a justly celebrated tool and has in a short time acquired an unusually favorable reputation.

Price, 16 Tooth, \$9 .50

Price, 18 tooth, \$10.25

THE EUREKA SECTIONAL WEEDER



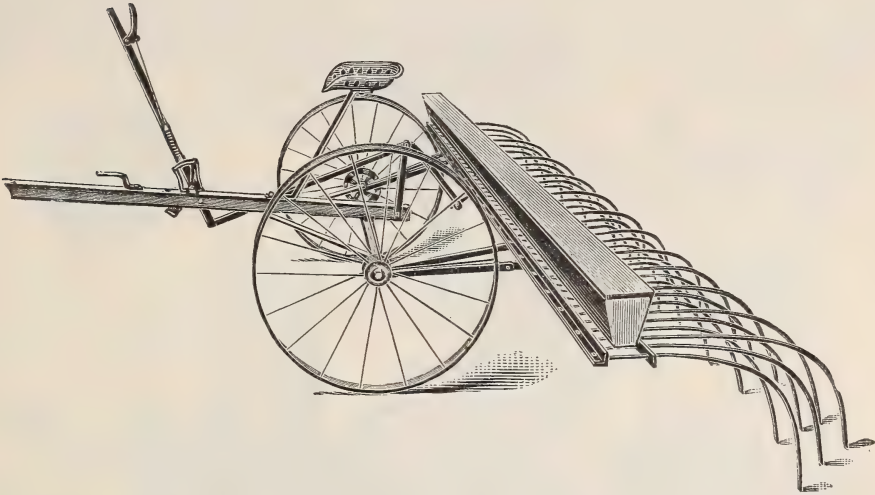
Has a solid center section, 2 feet 9 inches long, made of channel steel $1\frac{1}{2} \times 1\frac{1}{2}$, with thills adjustable to the height of any horse and handles adjustable to man or boy, with two hinged wings bolted to the center section, 2 feet 3 inches long. This gives the Weeder three sections, each section working independently and conforming to the inequalities of the ground, doing equally good work over dead furrows, cradle knolls, hollows, etc. This feature is as essential to the proper working of a weeder as it is to the right working of a harrow, as it is necessary to adjust itself to uneven surfaces in order to do perfect work. All Weeders upon the market today have solid heads the entire length, many of them are not adjustable to the different heights of man and beast, and are equipped with teeth of improper length and shape to obtain best results. We claim for the Eureka Weeder that it will do the work of

THREE MEN, THREE CULTIVATORS and THREE HORSES,

and do it in much better way than it is possible to do it where the Weeder is not used.

Price, \$8.00.

Eureka Flat Tooth Smoothing Cultivator with Grass Seed Attachment



This machine complete would consist of 1 grass seeder box, 1 grain seeder box and the weeder head, etc.

As a Weeder—It is the only flat tooth weeder ever placed upon the market and is a wide departure from the round tooth weeder; there is none, no, not one of the weeder family its equal. Our experience in building weeders has extended over many years, our experiments have been thorough, our conclusion is, every farmer who will try the **Eureka Flat Tooth Smoothing Cultivator** will say yes to every word we have said in its favor. Last but not least, as a grass seed sower, it is a great success.

The seeder boxes are detachably connected, it is correct as to sowing and covering and is easily changed to sow the required amount (from 2 to 20 quarts) of grass seed and the required amount of grain, convenient to handle and to throw in or out of gear. The seeder boxes being near the ground, distribute the seed evenly, windy days make no difference. We have placed a good many with the farmer within the last year, all giving absolute satisfaction.

8 ft., With Grass Seed Attachment,	\$20.00.
10 ft., With Grass Seed Attachment,	22.00.

NEW DEERE No. 9 CORN PLANTER

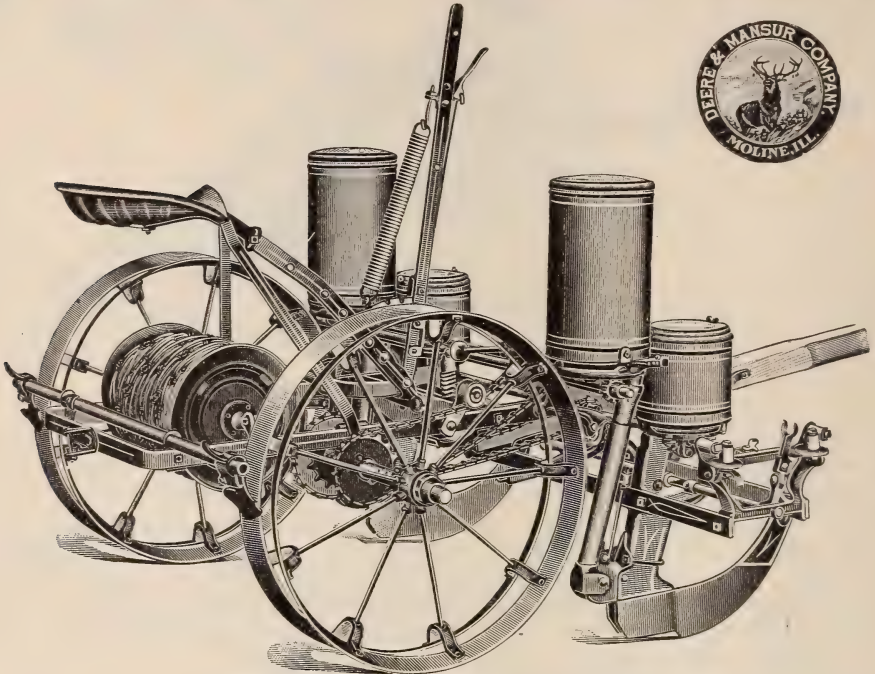
The New Deere No. 9 Planter illustrated herewith has achieved wide and lasting popularity on account of its extreme accuracy in drop, entire freedom from complication, and because of its lightness, strength and durability. It is built largely of steel and malleable iron. The front frame is tied in eight places and it is impossible to be sprung out of shape. Back frame is also very strong and thoroughly braced. It can be furnished with either concave or open tire wheels, 30" diameter. It is furnished adjustable in width from 28" up to 3' 8" and wider adjustment can be had on special order.

Deere Edge Drop.

One of the most important and most distinctive features of this planter is the seed dropping mechanism. It is a vast improvement over the old round hole plate

NEW DEERE No. 9 CORN PLANTER—Continued

style, and gives a much higher accuracy in planting, not only corn, but beans, peas, sweet corn, and other seed. The edge selection principle is now recognized as superior to anything else, and the genuine Deere Edge Drop is the simplest and least liable to get out of order, and permitting of the highest possible degree of accuracy attainable. When checking with the Deere No. 9 the only strain thrown on the wire is that required to trip the clutch and operate the valves, not more than a pound or two. The seeding mechanism is operated entirely by the ground wheels,



With Narrow Adjustment for Beans.

which is another distinctive advantage, as it prolongs the life of the wire and secures a very smooth and quiet running machine free from all side draft. The same high accuracy is obtained when drilling, and the change from checking to drilling is made without the driver getting off the seat. The regular seed plate equipment includes those most commonly used, but plates for almost any size or kind of corn and for practically any distances required can be secured in place of (without extra charge) or in addition to the regular equipment (at slight cost).

Seed plates to drop the following distances are regularly furnished: $6\frac{1}{2}$ ", 9", 10", 12", 13", 14", 16", 19" and 24".

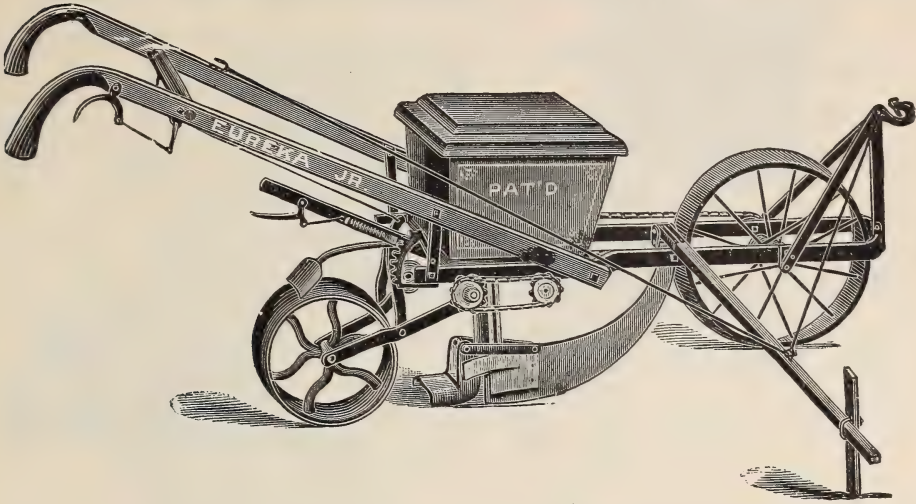
The change from hill to drill is instantly made without the driver leaving his seat. The machine is provided with a spring lift so that it can be readily operated by a boy. Foot drop is provided for cross-checking at the ends of the rows. A special attachment can also be furnished for this planter which is known as the Automatic Hill Drop and plants the seed in hills but not in cross check. We are prepared to furnish plates for any kind of beans, peas, sweet corn, or in fact any other small seed that is planted with this style of machine.

Fertilizer Attachment.

The Deere Fertilizer is first-class in every respect. It is very easily attached to the planter, and distributes any desired amount up to 600 pounds per acre. All hopper parts are heavily galvanized to prevent corrosion. The fertilizer can be either hilled or drilled as desired. The fertilizer does not come in direct contact with the seed, hence firing is entirely avoided.

No. 9 Deere Corn Planter with Check Rower,	Price, \$55.00
No. 9 Deere Corn Planter without Check Rower,	Price, 50.00
No. 9 Deere Corn Planter, with Automatic Hilling Attachment instead of Check Rower,	Price, 52.00

EUREKA CORN PLANTERS



Plants Corn, Beans, Peas, Beets, Onions and Turnips.

No. 2 EUREKA, One Row. PRICE, \$20.00.

Eureka Corn Planters will drop seed and fertilizer automatically at any desired distance.

They will drill continuously both seed and fertilizer.

They have a perfect hand check so that grain may be planted in hills when it is desirable to cultivate the crop both ways.

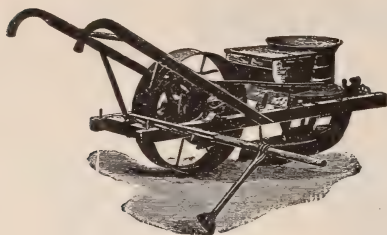
The seed hopper may be divided so that beans and corn can be carried and planted together.

The seed pockets can be adjusted to drop the desired number of kernels.

By means of a convenient lever the depth of planting is under perfect control of the operator.



**No. 3 EUREKA, One Row with Two Drive Wheels.
PRICE, \$22.00.**



King of the Corn Field

Corn Planter and Fertilizer Distributor.

A very superior implement, and one too well known in New England to need any detailed description.

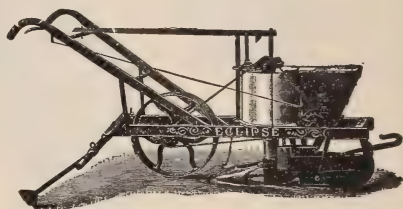
Price, \$20.00.

Eclipse Corn Planter and Fertilizer Distributor

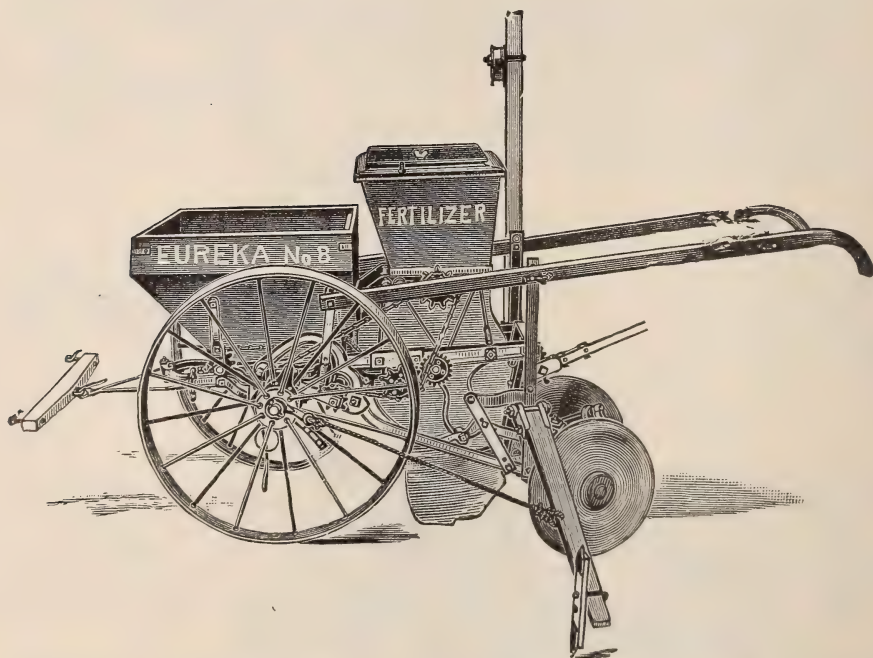
Plants Corn, Beans, Peas, or Beet Seeds, in hills, drills, or check.

This Fertilizer Distributor is the best known.

Price, \$20.00.



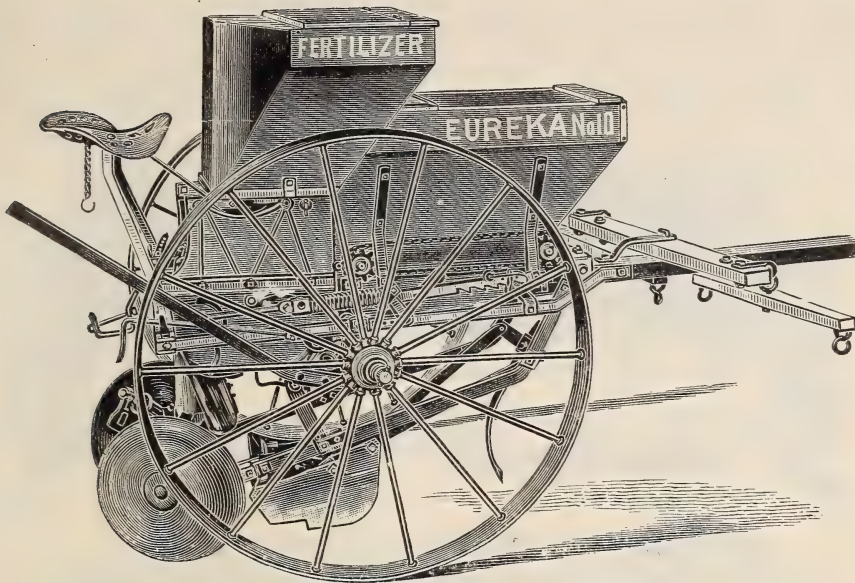
No. 8 EUREKA POTATO PLANTER



Requires but one horse and one man to operate it. It is light, strong and durable. Weight with fertilizer, 280 lbs. It can easily be drawn by one horse. Its capacity for sowing fertilizer is from 150 to 1,200 lbs. per acre. It plants seed at any required distance. The operator can see every seed dropped. It is cheap in price, excellent in work. A plow in front of shoe is thrown in or out of the soil by a lever at will of operator. This not only opens a deep furrow, but clears the ground for the shoe and makes a looser seed bed.

Price, \$37.00.

No. 10 EUREKA POTATO PLANTER



Is without doubt the most complete in its construction, the lightest draft, the strongest made, the nearest correct in its distribution of seed and fertilizer of any One Row Riding Potato Planter ever offered to the public.

By removing the shoe (which is easily done) and spreading the Discs, you have the finest and most complete Hiller on earth. Extras for widening disc furnished upon application. Price .75c.

A handy lever raises the Plow, Disc and Marker, also throws the Planter in and out of gear. Price of No. 10 Planter, \$60.00.

The New Empire Broadcast Fertilizer Distributor and Lime Sower

Material—The material that enters into the construction of this machine is selected with our usual care, and nothing but well-seasoned lumber, the best of steel and malleables are used, thus insuring a machine of great durability.

Construction—This machine is specially adapted for sowing a large quantity of ground lime per acre. The Hopper is very strong and has an extra large carrying capacity; is well-made, and being close to the ground, is easy to fill. The Steel Frame is of angle steel, well-made and durable.—A solid substantial foundation.

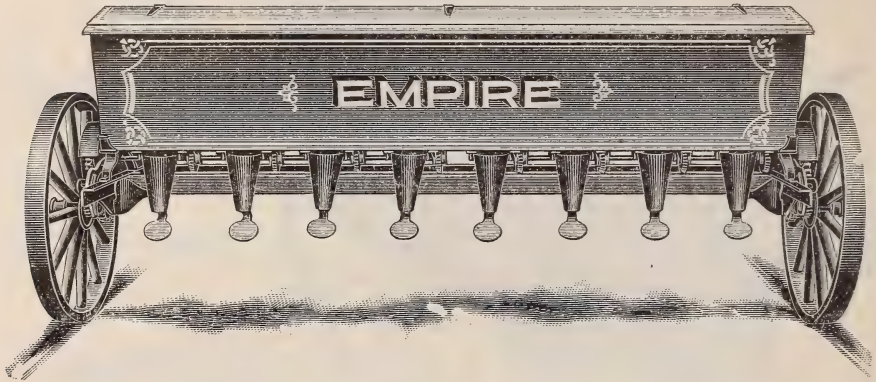
Wheels—We mount the New Empire Broadcast Fertilizer Sower on broad tired wood wheels of the best make. The wheels are low, bringing the machine near the ground. Wheels are hung on taper spindle axles, and have the proper pitch and gather to make a light draft and perfect-running machine.

Scatterer Tubes—Special attention is called to the galvanized iron scatterer tubes or spouts. Note their construction, which is such that the fertilizer is spread in an even sheet over the surface of the ground; the discharge from the scatterer tubes being close to the ground.

Empire Fertilizer Force Feed is a positive force feed. The cuts on opposite page tell the story.

The New Empire Broadcast Fertilizer Distributor and Lime Sower—Continued

Quantity Sown—It must always be taken into consideration that different grades of fertilizer or lime vary more or less; some being easy to handle, others extremely difficult to handle. The Empire Broadcast Fertilizer Sower will sow from 200 pounds to 2225 pounds of commercial fertilizer per acre.—From 500 pounds to 2,000 pounds of ground lime per acre. We are prepared to furnish at a slight additional cost, special equipment for sowing a greater or less amount per acre.



Rear View Empire Broadcast Fertilizer Sower.

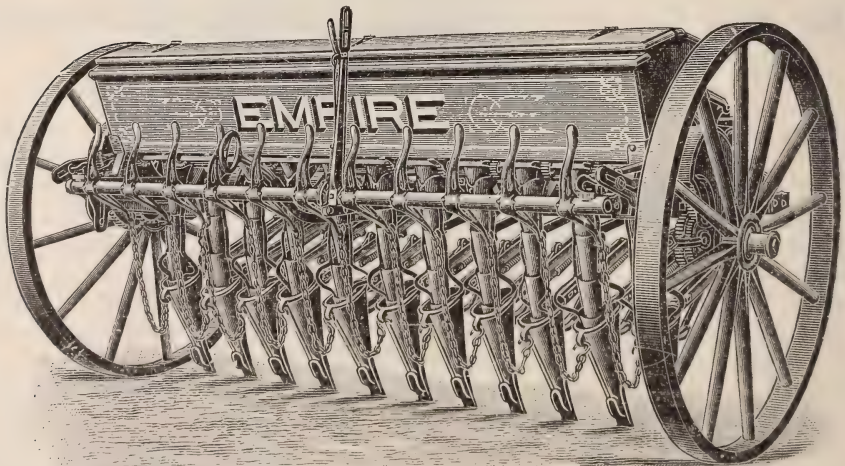
The Empire Broadcast Fertilizer Distributer is made in one size only: 8-ft., with eight tubes, sows 96 inches in width.—This is standard size.

The Empire is a well made, neat, compact, light-running machine, with large range of quantity.

The Empire has large carrying capacity, built close to the ground, simple in construction and operation.

The Empire has a positive force fertilizer feed. Empire Broadcast Fertilizer Distributer equipped with Pole, Double-trees, and Neck-yoke, Price, \$44.00

The Empire Fertilizer Hoe Drill



Empire Drills are distinctive and do their work in a highly satisfactory manner. There is nothing experimental in the make-up of the Empire line. They have been thoroughly tested by progressive up-to-date farmers in all grain raising parts of the world.

The Empire Fertilizer Hoe Drill—Continued

The Empire Fertilizer Hoe Drill has strong angle steel frame, double rim force grain feed, and, force fertilizer feed.

Lifting chains are provided in rear for raising any one or more hoes to clear trash. The best and most satisfactory drill for rough, hilly country.

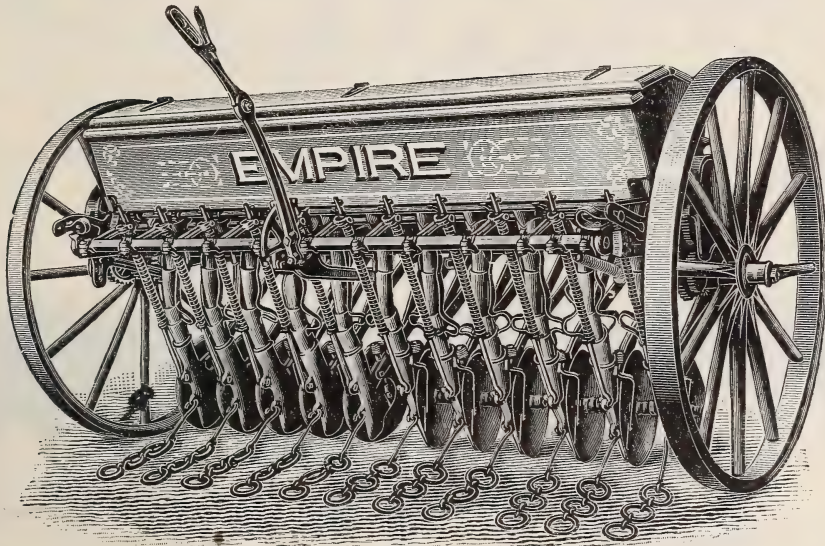
Size 9 x 7 with Grass Seed Attachment,	Price,	\$79.00
Size 10 x 7 with Grass Seed Attachment,	Price,	85.00
Size 11 x 7 with Grass Seed Attachment,	Price,	89.50
If Grass Seed Attachment is not wanted, deduct \$3.00.		

The Empire Plain Hoe Drill

Is exactly like the Empire Fertilizer Hoe Drill as shown above, with the exception of Fertilizer Distributor which it does not have.

Size 9 x 7 with Grass Seed Attachment,	Price,	\$60.00
Size 10 x 7 with Grass Seed Attachment,	Price,	62.50
Size 11 x 7 with Grass Seed Attachment,	Price,	66.50
If Grass Seed Attachment is not wanted, deduct \$3.00.		

The Empire Fertilizer Disc Drill



One of the most important points of Disc Drill construction is to rigidly hold the disc at all times at a true cutting angle. On the Empire this end is accomplished by the use of an extra heavy draw bar, strongly braced to prevent lateral motion. They are provided with chilled bearings, steel scrapers, dust proof hand oilers, and are practically indestructible. The frame, double force grain feed, and force fertilizer feed is essentially the same as on the Hoe Drill.

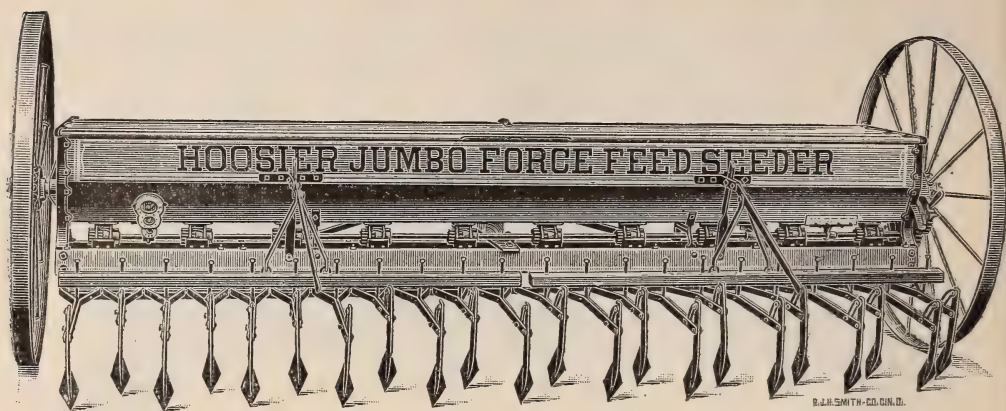
Size 9 x 7 with Grass Seed Attachment,	Price,	\$82.50
Size 10 x 7 with Grass Seed Attachment,	Price,	88.00
Size 11 x 7 with Grass Seed Attachment,	Price,	93.00
If Grass Seed Attachment is not wanted, deduct \$3.00.		

The Empire Plain Disc Drill

In every respect similar to the Empire Fertilizer Disc Drill, except that it does not have the Fertilizer Distributor.

Size 9 x 7 with Grass Seed Attachment,	Price,	\$61.00
Size 10 x 7 with Grass Seed Attachment,	Price,	66.00
Size 11 x 7 with Grass Seed Attachment,	Price,	70.00
If Grass Seed Attachment is not wanted, deduct \$3.00.		

HOOSIER JUMBO FORCE SEEDER



The Hoosier Jumbo Seeder is what its name implies. It has a very large and substantial built hopper of unusual capacity which is equipped with our Fluted Positive Force Feed. The Hopper hangs very close to the ground which prevents wind affecting even distribution of falling seed. The Scatterers are fully protected by being located between two heavy wood sills, and cannot be damaged by corn stalks or other obstructions. The Seeder is mounted on 48 inch steel ground wheels, with wide tire, which makes it light draft.

8½ ft., with Grass Seed and Cultivator Attachments,

Price, \$39.00

If Grass Seed Attachment is not wanted, deduct \$3.00.

Hoosier Narrow Track Seeder



The Hoosier Narrow Track Seeder is 11 foot, and can be supplied with or without Grass Seed Attachment, as desired. Study carefully the cut above and notice the neat appearance; compare it with other makes—it will bear inspection.

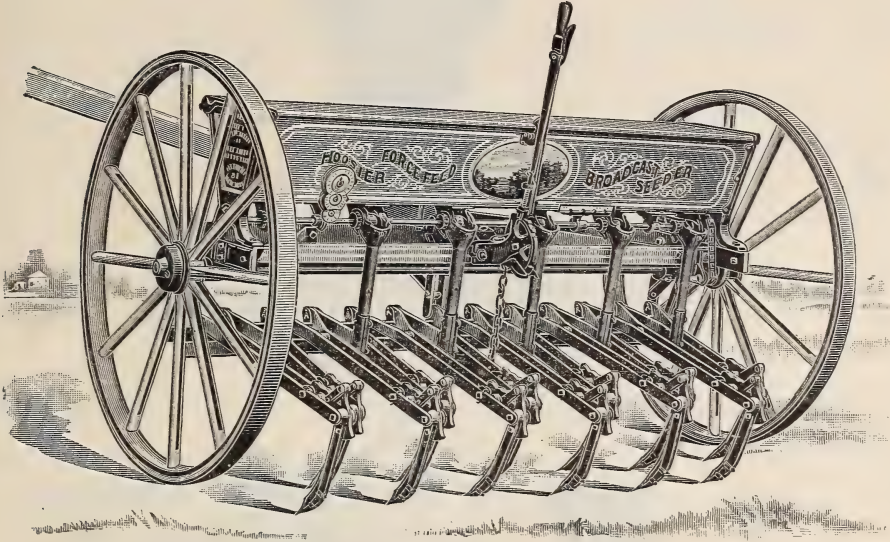
Special attention is directed to the steel frame braced from front to rear and from right to left. It is nearly square. Cold rolled steel axle, steel wheels, staggered spoke, wide tire. Hopper of poplar, air dried; with metal bottoms or bridges between the feed cups; fluted force feed and reliable scatterers, hinged to feed cup and protected by a stalk fender.

No expense has been spared in making this the best machine of its type upon the market, and it is a credit to the Hoosier family.

11 ft. Hoosier Narrow Track Seeder with Grass Seed Attachment, Price, \$30.00

If Grass Seed Attachment is not wanted, deduct \$4.25.

HOOSIER HOE BROADCAST SEEDER



The Hoosier Hoe Broadcast Seeder appeals strongly to prospective purchasers who appreciate merit rather than price, and know it is economy to buy the best. It has been upon the market for a long term of years and has established a most enviable reputation for good work and useful service.

It is equipped with the celebrated Fluted Force Feed described on page two. Grass Seed Attachments supplied when desired. Insist upon having the Hoosier, there is none better.

14 Hoe—Hoosier Spring Hoe Broadcast Seeder with Schisby Points and

Grass Seed Attachment,

Price, \$46.00

If Grass Seed Attachment is not wanted, deduct \$3.75.

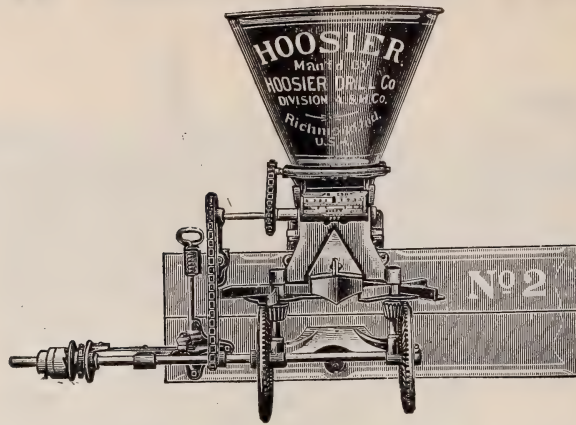
No. 2 HOOSIER END GATE SEEDER

The No. 2 Seeder is a large capacity machine having a cast of from 36 to 42 feet in oats, and wheat a much greater distance.

Prominent Features.

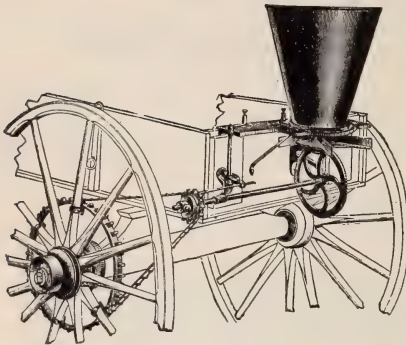
- Absolute uniform distribution of seed.
- Positive Force Feed.
- Quantity changed without change of gear wheels.
- Double Feed Rolls.
- Double Conducting Spouts.
- Double Distributors.
- Double Gears.
- Double Seeder, one for right, one for left side, combined
- Reliable Grass Seed Attachment.
- Substantial and durable construction.

No. 2 Hoosier End Gate Seeder—Continued



No. 2, Hoosier End Gate Seeder,

Price, \$13.00



Strowbridge Broadcast Seed Sower

It is a simple effective seeding apparatus complete in itself, which may be attached in a few moments time to any farm wagon or other vehicle, and there you are all ready for business. It is complete in itself. No extras need be purchased. It may be used on an ordinary wagon without so much as marring the paint.

Price,

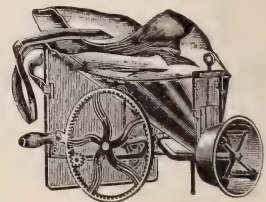
\$7.50

Cahoon Seed Sower

Will sow all kinds of grass and grain seeds from four to eight acres per hour at a common walking gait. Heavy seeds such as wheat it will throw 40 feet (20 feet each side of the operator) lighter seeds of course will not be thrown so far.

Price,

\$3.00



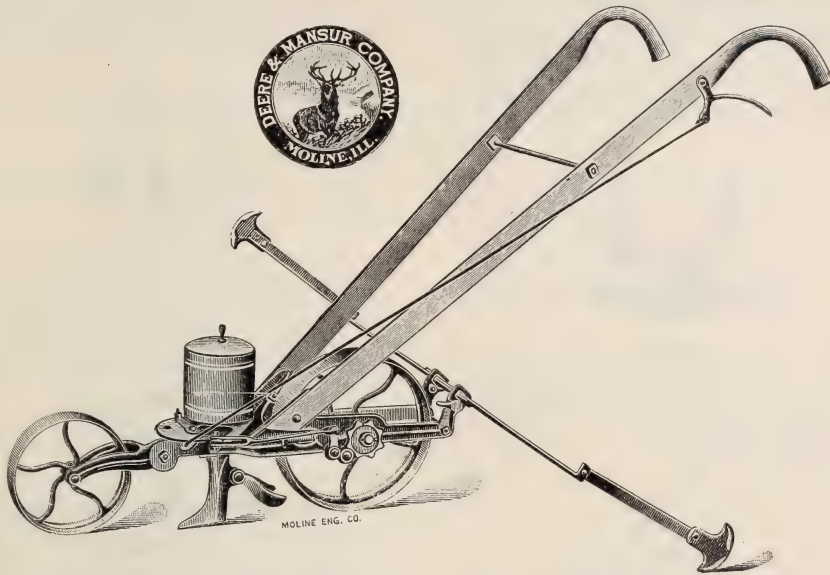
DEERE GARDEN SEEDER

The Deere Garden Seed Drill is made something like a one-horse corn drill, but reduced in size to suit garden seeds, and so it can be operated by hand.

It has a covering wheel in rear, a gauge wheel in front, and between them a furrow-opener and seed hopper. A steel pitman driven by a cam wheel on the covering wheel shaft gives the seed plate a sharp, oscillating motion, which insures a steady, even flow of seed. In the seed plate is a series of holes for different kinds and quantities of seed, and changes in feed can be made without emptying the hopper.

DEERE GARDEN SEEDER—Continued

The depth of planting is quickly regulated by raising or lowering the wheel in front, which is done by loosening one bolt. The furrow-opener makes a clean, regular seed-bed, and attached to the opener are wing scrapers, which bring the earth back into the furrow, and the wheel following presses it down, leaving it in the best possible condition for quick and sure germination.



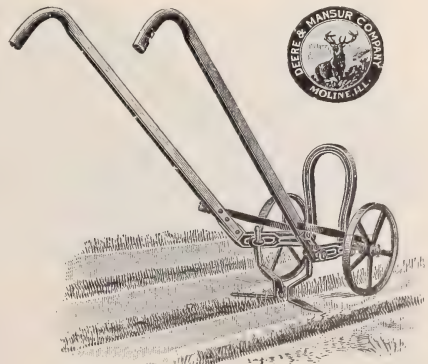
The Deere has adjustable markers, and the flow of seed can be stopped or started at will, or shut off permanently by the use of the hand tappet under the handle.

Deere Garden Seeder with Marker Irons,

Price, \$5.50

McGEE GARDEN CULTIVATOR

For hand cultivation no tool has ever been produced that equals the McGee Garden Cultivator, either in ease, quickness or thoroughness of work. It is especially adapted for work in the garden, nursery and fruit farm, and for cleaning out young corn, potatoes, etc., and in the great onion-growing districts of the country it has met with the greatest popular favor. It has an arch frame and two wheels, like a tongueless cultivator. Two laterally swinging beams are attached to the arch and operated by two handles. Springs between the beams, or handles, and arch enable the operator to control easily, accurately and instantly the side movement of the knives or cultivators, and to keep any kind of a crop well cultivated and thoroughly clean, with little or no hand weeding. The diameter of the wheels is $10\frac{3}{4}$ ", and width of tire $\frac{7}{8}$ ". No tool is found to be so easy, economical and effectual in the cultivation of beets in the new sugar beet industries of the west. The McGee is furnished with a set of weeding knives and a set of cultivators, but other attachments for all kinds of work are made, which are described below:



McGee Garden Cultivator with Weeding Knives and Wrench,

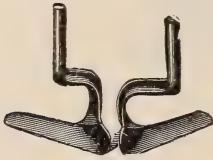
Price, \$4.50

Attachments for McGee Garden Cultivator



Weeding Knives.

For onions and all small plants. Save nearly all hand weeding. Furnished with each Cultivator without charge.



Scroll Knives.

For cutting weeds, and at the same time moving the dirt slightly away from the plants. Weight, 2 pounds.



Plows.

Can be used for furrowing or ridging in preparing ground for seed, and for throwing the dirt entirely to or from the plant in cultivating. Weight, 3 pounds.



Onion Puller.

For harvesting onions. Will do the work of six men. Weight, 2 pounds.



Cultivators.

Can be used from one to four inches in depth. Do thorough work in young corn and potatoes, as well as in all garden vegetables and small fruits. Furnished with each Cultivator without charge.



Leaf Guards.

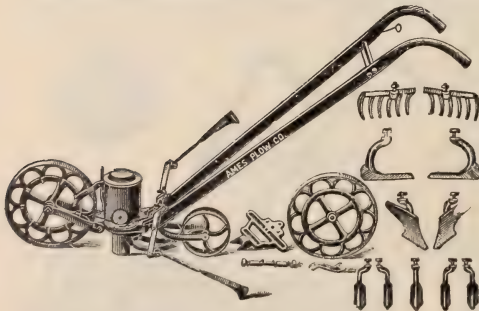
For lifting leaves or tips of vegetables to prevent their being covered with earth in cultivating. Weight, 2 pounds.



Rakes for Fine Cultivation.

For frequent cultivation of clean soil, killing small weeds, leveling, etc. Weight, 2 pounds.

Matthews' New Universal Constellation No. 19



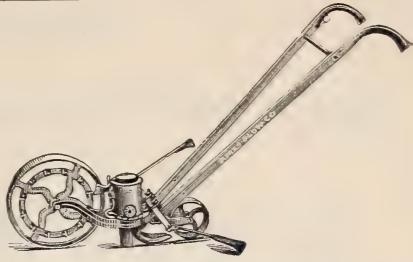
Seeder, Hoe, Cultivator, Plow, Rake, Marker.

This illustration shows the complete implement with all attachments furnished. In the Constellation is presented a brilliant assemblage of the New Universal Garden Drill and the New Universal Wheel Hoe, Cultivator, Rake and Plow, for use either as a one-wheel or two-wheel Seeder, Hoe, Rake, Cultivator, Plow, Marker. Six implements in one.

Each implement is entirely separate from the wheels and handles, are changed from one frame to the other by only two bolts. Cultivating attachments are shown detached. They consist of 1 Cultivator Frame, 1 Pair Hoes, 1 Pair Plows, 1 Pair Rakes, 1 Pair Narrow Cultivator Teeth, 1 Pair Wide Cultivator Teeth, 1 Center Cultivator Tooth, 1 Pair Markers. Price, \$8.00.

Matthews' New Universal Garden Drill No. 17

The genuine Matthews' Drill that has obtained the unqualified endorsement of Seedmen and Market Gardeners everywhere as the Standard Drill of America. Price, \$6.25.



Matthews' New Universal Hill and Drill Seeder No. 16

This Seeder is the same as the No. 17 Drill with the exception that it has pins on the Wheels which converts it at will into a Hill Seeder, dropping distances of 4-6-8-12-16-24 and 48 inches apart. Price, \$7.00.

New Universal Double Wheel Hoe, Cultivator, Plow and Rake No. 14

The special Design of a Double Wheel Hoe is the working of both sides of the row at one passing, but it may also be used as a between row cultivator.

The Attachments with No. 14 are:

- 1 Pair Hoes,
- 1 Pair Plows,
- 1 Pair Rakes,

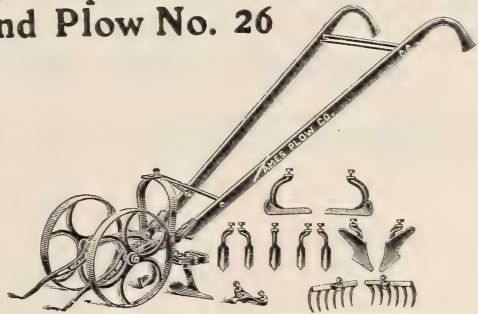
- 1 Pair Narrow Cultivators,
- 1 Pair Wide Cultivators,
- 1 Pair Vine Guards.

Price, \$5.00.

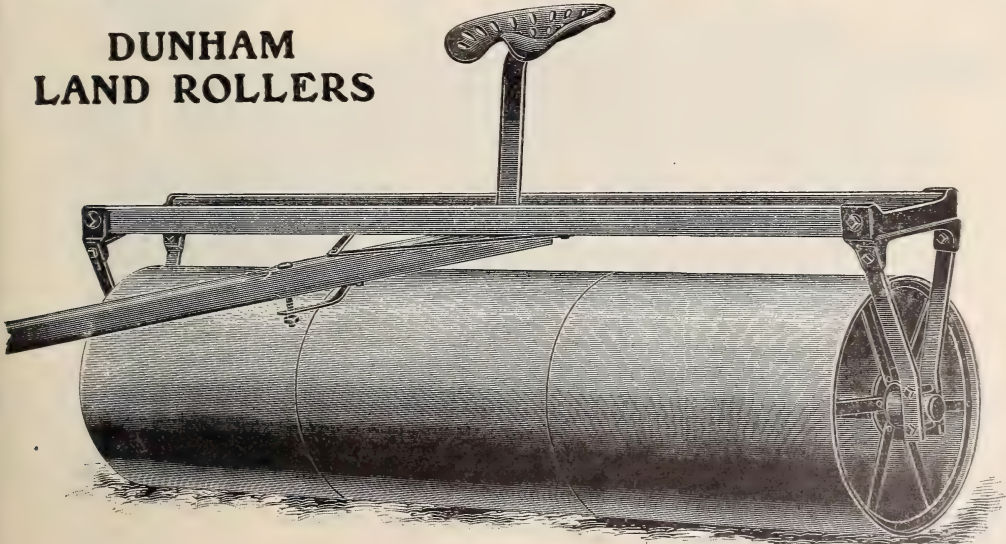
New Universal High Arch Expansion Wheel Hoe, Cultivator, Rake and Plow No. 26

High Arch, a Double or Single Wheel Implement at Will.

In this implement we have practically reproduced dimensions and purpose of our first attempt at a "Straddle-row" Weeder. The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. Our double Wheel Hoes, already described, meet all requirements but we here present, if possible, a more complete implement of larger size. Price, \$7.50.



DUNHAM LAND ROLLERS



You will notice the heads of Drums are constructed entirely of steel with the exception of the hub. The felloe is a tie-bar bent to shape, to which one end of the steel spokes is riveted, and the other to the hub. Should breakage occur with this head, it is only necessary to replace part of it.

DUNHAM LAND ROLLERS—Continued

Additional Features.

Axles of $1\frac{3}{4}$ " Steel, Lathe trimmed.

Drum Plates are 30 Carbon Hardened Steel.

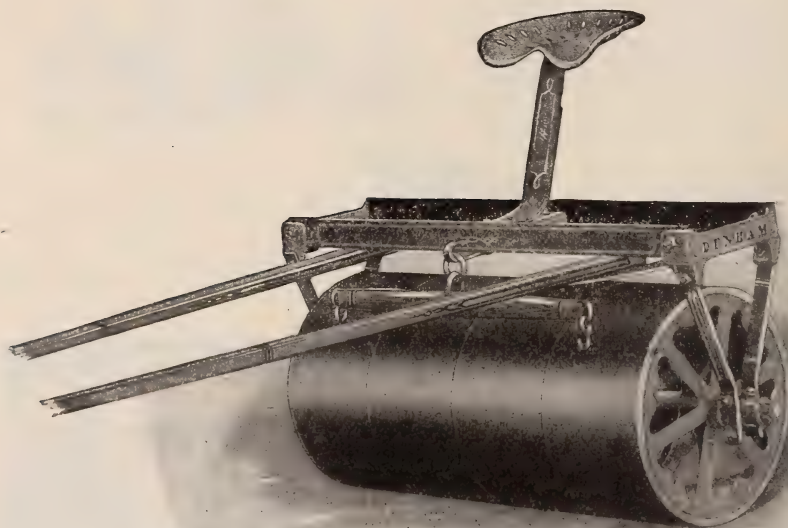
Removable Babbitt Metal Bearings with Oil Cup on same.

Steel Brackets or Hangers.

Series R.

6 Ft.—24 in. Dia.—2 Section with Shafts—Weight, 480 lbs.,	Price, \$21.00
8 Ft.—24 in. Dia.—3 Section with Pole—Weight, 610 lbs.,	Price, 25.50
8 Ft.—26 in. Dia.—3 Section with Pole—Weight, 680 lbs.,	Price, 28.50
8 Ft.—30 in. Dia.—3 Section with Pole—Weight, 725 lbs.,	Price, 30.00

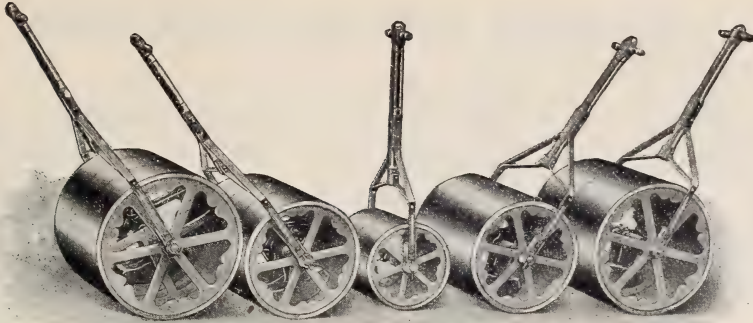
Dunhams "Gold Medal" Horse Lawn Rollers



Rollers are smooth on face and aluminum finished. Outer edges rounded.

No. 441—24 in. Dia.—30 in. Long—4 Section—Weight, 800 lbs.,	Price, \$47.50
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Dunham "Gold Medal" Hand Lawn Rollers



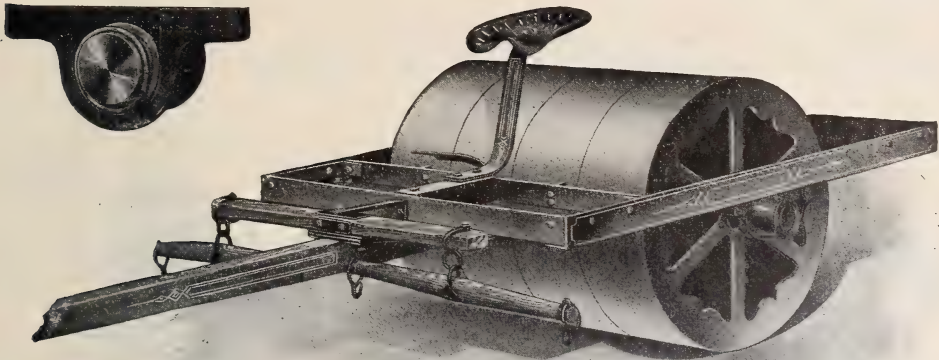
Rollers are smooth on face and aluminum finished. Outer edges rounded. Counterweights inside to keep handle up at all times.

No. 402—15 in. Dia., 24 in. Long, 3 Section, Weight, 200 lbs.,	Price,	\$9.00
No. 407—20 in. Dia., 24 in. Long, 2 Section, Weight, 300 lbs.,	Price,	13.00
No. 411—24 in. Dia., 24 in. Long, 3 Section, Weight, 450 lbs.,	Price,	19.50

Dunham "Gold Medal" Road and Golf Ground Rollers

Sectional view of Bearing.

See the foot lever for scraper.



Notice steel weight boxes in front and back of Roller. We call your special attention to the All Steel Frame, which is not found on any others. This frame will not warp and get out of shape, as does the old wooden kind. It is put together with Boiler Rivets, therefore no bolts to work loose. A heavy steel plate is fastened in each steel weight box, therefore indestructible. Our 8-inch Bearings are supplied with Extra Hard Babbit Metal, making the Roller noiseless. Each Bearing will hold a teacupful of oil. Notice the $3\frac{7}{16}$ inch cold rolled shafting, Ring Oiling device, and brass oil cups. Therefore dust-proof.

Write for special circular and prices.

Light Draft Roller Bearing SUCCESS MANURE SPREADER

Our 1908 Spreader is considerably improved over the machine made in 1907, described in our last catalogue. The principal features of improvement are as follows:

Seven sets of roller bearings, located one on either end of the rear axle, one in either of the front wheels, one on either end of the cylinder shaft, and one in the combination gear and sprocket.

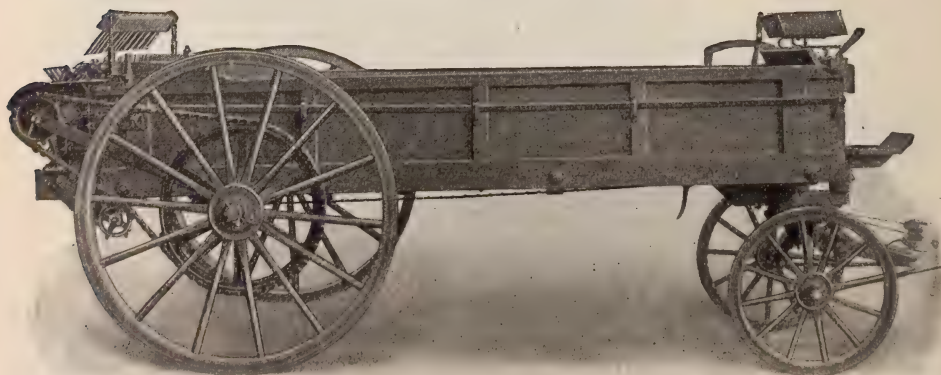
The worm and gear run in a dust-proof, oil-tight gear case, making them indestructible.

The cylinder is attached with two heavy pieces of cold rolled shafting, which can be easily withdrawn, so that the cylinder can be removed at a moment's notice and placed in the machine in an equally short time. This enables the farmer to use the machine for drawing in his produce if he desires. A crank attached to the front shaft makes it possible to easily unload by means of moving the bottom.

The panels are bolted on to the box standards by large, flat-headed bolts, no nails being used.

On either side of the frame at the center standard is a heavy, steel brace, running the height of the box, stiffening the machine up at this point and making it more durable.

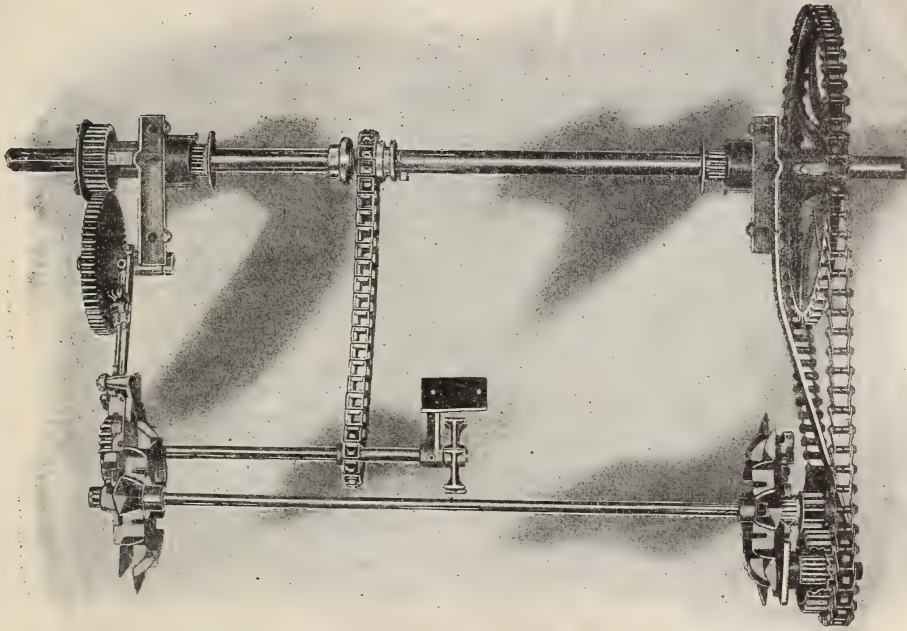
There are many other advantages of minor importance. The changes for 1908 are illustrated in the following cuts:



View of Cylinder Drive Side of the Machine.

Shows direct cylinder drive with steel-pinned chain and heavy, steel brace.

SUCCESS SPREADER—Continued



The Business End of the Success Spreader.

These are the parts that drive the machine, cut away so as to show the roller bearings on either end of the axle, on either end of the cylinder shaft, and on the combination gear and sprocket.

This is the mechanism that has the work to do, and on the Success Spreader is the simplest, strongest and most durable of any machine on the market.

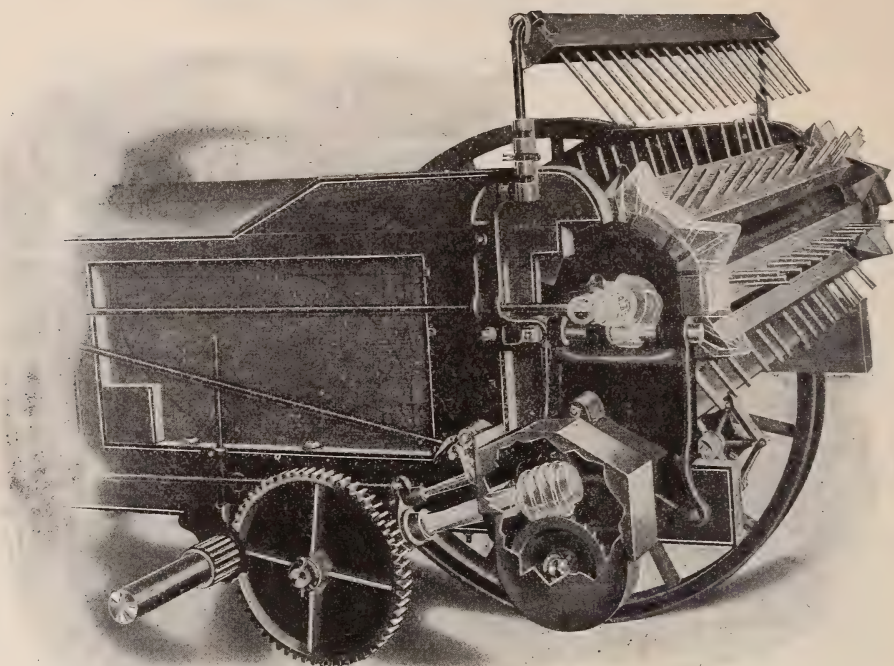
Note that the Spreader is driven from both ends of the axle and power transmitted direct.

Roller Bearings Used on Success Spreaders.

Seven sets of roller bearings make the Success Spreader the lightest draft machine on the market.

The roller bearing has long been needed on a Spreader. By its general use the draft of the machine is lightened at least a horse. It prevents the wearing out of boxes and bearings. It adds much to the long life of the machine. Our roller bearings are made of cold rolled steel, riveted together in good, substantial boxes, and capable of removal from the machine without coming apart.

SUCCESS SPREADER—Continued



This shows the apron drive in and out of gear, with the oil-tight gear cover cut away, illustrating how the worm and gear run in oil. The disc gear is also cut away to show the roller bearings on the axle. The position of the cylinder in and out of gear is also clearly shown.

SIZES AND WEIGHTS.

- | | |
|--|-----------------|
| No. 21 R Success Spreader, 2-H. Evener, Bed Capacity 40 bu., Weight, | |
| 1,675 lbs., | Price, \$115.00 |
| No. 22 R Success Spreader, 2-H. Evener, Bed Capacity 50 bu., Weight, | |
| 1,725 lbs., | Price, 120.00 |
| No. 23 R Success Spreader, 2, 3 or 4-H. Evener, Bed Capacity 70 bu., | |
| Weight, 1,785 lbs., | Price, 125.00 |

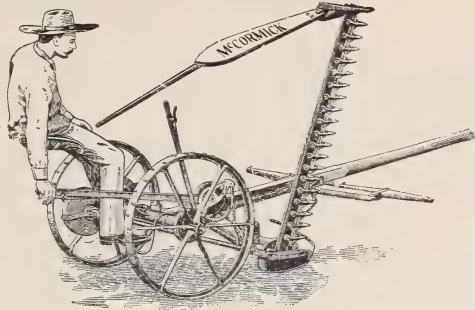
EXTRA ATTACHMENTS.

Drill Attachment for drilling in rows, extra, Lime Hood for windy weather, extra, Brake or Lock for hilly sections, extra, Slow Feed for Lime, etc., extra, Wide Tires, 4 in. front, 6 in. rear, extra.

McCormick and Deering Harvesting Machinery

For Seventy-four Years.

Seventy-four years ago in a small country blacksmith shop at Steel's Tavern, Virginia, the first McCormick harvesting machine was made. The marvelous growth of the manufacturing plant from that small shop to the immense modern McCormick establishment of to-day, covering 170 acres of ground and employing 10,000 men, gives ample testimony of the warm favor in which McCormick machines are held by the agricultural world.



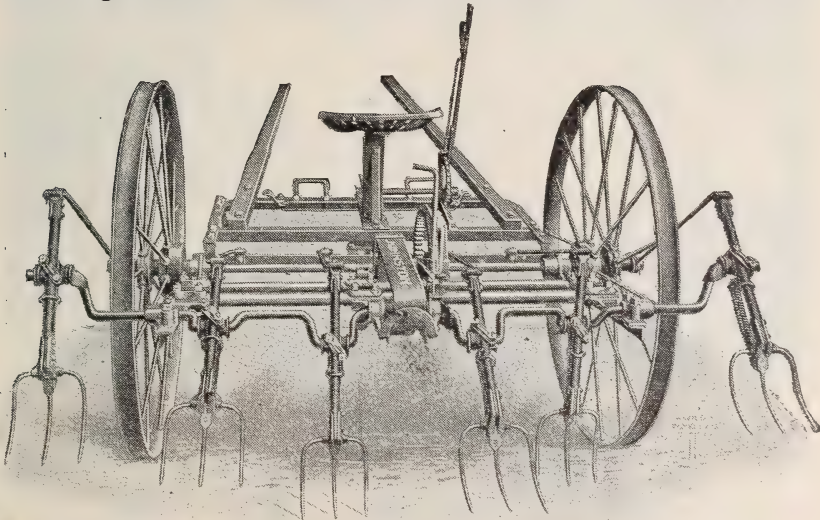
The same unbounded faith in the farmer, the same untiring zeal and energy manifested in those early days to perfect a machine that would actually lighten and make more profitable the labor of the farmer, characterizes their manufacture to-day, with the result that wherever grain is grown McCormick machines are known as remarkably efficient, durable and economical machines.

DEERING IDEAL

Famed for what they do and the way they do it, expresses the secret of Deering success and accounts for the warm regard in which Deering Ideal harvesting machines are held by farmers throughout the world.

Since 1858 the Deering manufacturers have labored and experimented, sparing neither time nor money, to perfect harvesting machines that would eventually put farming on a basis of development equal to that of any other occupation. To-day the farmer points with pride to Deering Ideal Machines as being perfect in every detail, so well and scientifically constructed that they work without a hitch under the most trying circumstances, harvesting a crop with unerring accuracy and dispatch. They are ideal machines in fact as well as in name, the kind you think more of every time you harvest a crop with them, for not until then do you appreciate the Deering trinity of sterling qualities—durability, strength and economy.

THE JOHNSTON STEEL HAY TEDDER



A steel machine. Steel angle main frame, front, and steel pipe frame at the rear (this construction gives the perfectly rigid frame necessary to make the forks work properly). Steel wheels with double hubs, staggered spokes and channel steel tires (concave side out, giving increased power).

The steel main axle is provided with three sets of roller bearings. This reduces the draft. Power is applied from both wheels at the same time, to the drive chain in the center. This makes the draft even.

SIZES, 6 Fork. 8 Fork.

Write for special circular and prices.

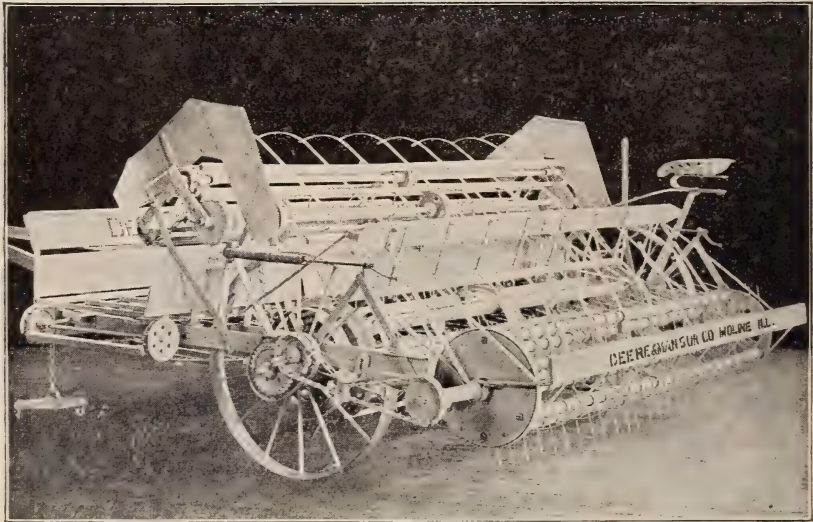
DEERE SIDE DELIVERY RAKE

The Deere Side-Delivery Rake takes the place of three hay machines in common use, viz.: the sulky rake, the tedder, and the one-way side rake. It is the equal to the sulky rake in clean and rapid raking, while otherwise its work is much the most satisfactory. By means of its flexible gathering fingers, mounted on a floating cylinder, it has no equal on rough ground, and no meadow is free from roughness.

The tedding is done in the act of raking, and saves the cost of a tedder and the time heretofore taken in a separate tedding. It is a combination of the best raking and best tedding in one machine and once over the field. It lifts the hay away from the ground and dust, carries it softly ten or fifteen feet through the air and drops it, bottom side up, on ground which, by having been previously raked and exposed to the sun and wind, is heated and dried sufficiently to cure the hay in the shortest time possible.

In raking width this machine takes two swaths of the 5-foot mower, but readily splits the swaths when following wider mowers.

As the Rake moves forward in work, the lower or raking cylinder, by means of a forward and upward stroke of its gathering fingers, lifts the hay from the ground in a continuous web or sheet and passes it upward and forward on to the elevator carrier, from which it passes to the cross-carrier, and by the cross-carrier the hay is side-delivered to the ground. By reversing the direction of the cross-carrier (which the driver can do at will), the hay can be delivered in continuous windrows at either side of the machine. By stopping and starting the cross-carrier while the gathering and elevating parts are in action, the hay can be delivered in bunches, of



any size desired, and at either side of the machine.

The raking cylinder and elevating action is an exact duplicate of the raking cylinder of the New Deere Loader.

Deere Side-Delivery Rake,

Price, \$80.00

NEW DEERE HAY LOADER

This is a cylinder Loader, as distinguished from the familiar rake bar type. The principal elements in the mechanical plan are: An endless carrier elevator, having its lower end mounted on the axle cylinder; a raking cylinder, hung close behind, which gathers and delivers the hay on the endless carrier, and under the compressor slats, which confine the hay to the carrier until it reaches the load.

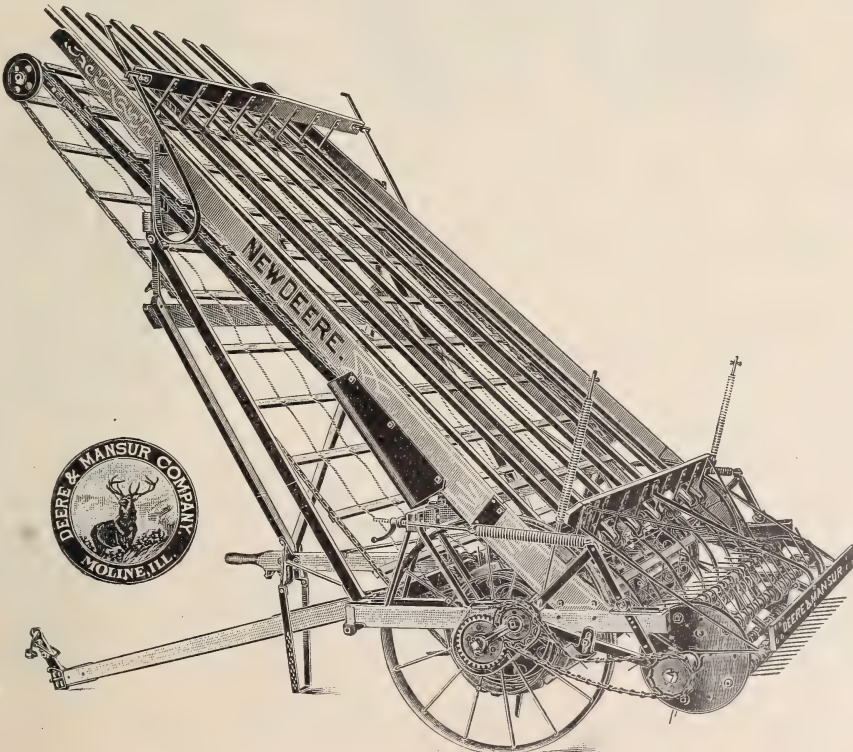
NEW DEERE HAY LOADER—Continued

Both cylinders are provided with fingers, those on the axle cylinder not reaching the ground by several inches. These two sets of fingers revolve toward each other in passing nearest the ground, and therefore control the hay by what is called the double pick-up, viz.: a forward upward stroke of the raking fingers and a rearward upward stroke of the axle fingers, the hay being thus engaged both behind and before, and drawn upward between the two revolving cylinders.

The fingers of both drums are made from spring-steel wire, and have their flexibility still further increased by means of a section of large coils in each, near the inner end. After several seasons' use not one has been known to break or bend in work.

The Loader is pleasing in appearance and very light in weight. The weight is nicely balanced on the traction wheels. The wheels are of new design, having channel tires and channel traction lugs. The frame is mounted by means of pairs of light sills—a sill on each side of each wheel—and journaled directly on the extended hub ends, exactly as a wheelbarrow frame is mounted on the trunnions of its wheel. Though the power shaft is mounted through the wheel hubs, it feels no weight of the frame, and therefore drives the working parts with a minimum of horse power. In this mount the wheels do not incline to spread at the bottom nor the frame to sag in the middle.

The gathering cylinder is pivotally attached to the main frame, and supported in working position by strong, free-acting coil-springs, so that the gatherer can be lifted bodily at either end, or both, by any obstruction encountered, just high enough to pass over without missing the hay. The gathering fingers are carried on six pivotally mounted bars, or rake-heads, the bars being automatically controlled to



NEW DEERE HAY LOADER—Continued

rock back and forth as they revolve with the gathering cylinder. By this control the fingers are made to stand straight out from the cylinder face at the moment they pass nearest the ground to gather the hay, and then to gradually lie back as they rise, so that at the stripping point they pull straight out of the elevating hay, with no tendency to carry it with them around the cylinder.

The strippers form the lower section of the compressor, and joined with the upper section, the two constitute a continuous retaining cover for elevating hay from the ground to the load.

Compressor sections are pivoted together where they meet, and freely mounted at their opposite ends, so that the hay can lift them at any side, end, or corner, and take whatever room it needs in elevating.

The narrowing boards gradually narrow the volume of the hay as it is carried up until it is two or three feet narrower than the elevator at the point of delivery, and is thus prevented from falling off at the sides of the load.

The floated gatherer and the flexible gathering fingers, taken together, make this machine work softly and steadily over the roughest ground. It can follow any mower in any field.

The raking action is a continuous forward and upward movement of the gathering fingers, meeting and lifting the hay into the elevator as a continuous sheet by what is known as the up-stroke, the hay lifting from the ground at the forward edge of the gathering cylinder and being seldom touched by the fingers until after they have passed the ground point and begun to rise. Hay cannot be raked so cleanly nor so softly by any other plan. The machine does not, in fact cannot, gather bottom trash of any sort, as the fingers have no hooked ends, and are too yielding to scratch up what the mower bar has passed over.

The hay is gathered and elevated by slow moving and yielding parts, which neither crumple nor break it, but put it on the load in as good shape as if done with a hand-rake and pitchfork.

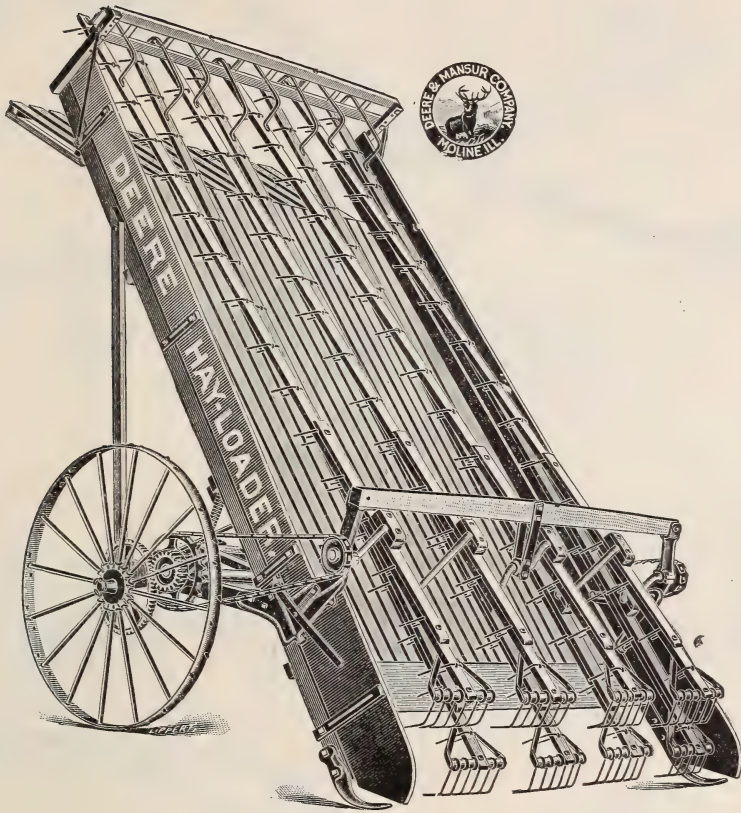
The Loader works with a light and even draft. The driven parts move slower than the horses walk, the principal parts moving only half as fast, and the gathering action cannot dig in the ground nor catch in the long, uncut stubble of down clover, nor in any other way unduly resist the driving power. In exceptionally rough meadows the machine works with half the horse-power required by any other loader known.

The range of capacity in this Loader is without practical limit, yet it has no capacity adjustment whatever. It is always ready for any style of work, and can be operated successfully on the swath, from the lightest to the heaviest; on the windrow, from the smallest to the full-sized sulky-rake row and even on loose bunches of hay as large as haycocks.

When hitching or unhitching, a swinging leg is let down to support the forward weight of the Loader, and as the hitch pole is freely mounted, and can be swung in any direction at the outer end, the hitch is easily made. The hitch parts on the loader and wagon, respectively, lock and unlock automatically, making it unnecessary to go under the wagon either to hitch or unhitch. In durability the Loader is up to our high standard in its materials and workmanship. Its mechanical plan is such that it cannot be subjected to violent strains, either from the hay or from the ground. For these plain reasons, and others, it will prove exceptionally durable, although a light-built machine.

New Deere Hay Loader, 8 foot, price, \$75.00

DEERE HAY RAKE BAR LOADER

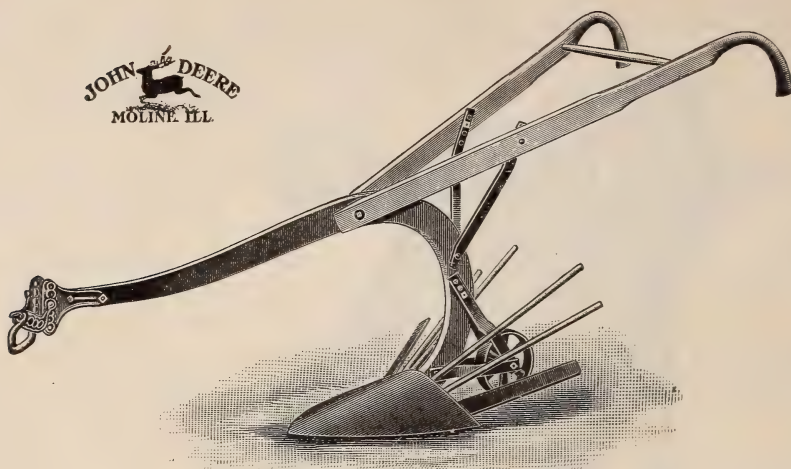


The simplicity of construction and application of power in the Deere Loader will indicate to anyone not a novice in farm tools its superiority in design and workmanship over the multiplicity of hay loaders now on the market. The material used in its construction is of the very best. The rake bars are so arranged that they can be adjusted to or from the platform sufficiently to insure good work in any quality or quantity of hay. By removing the wide swathing board at the bottom of the Loader any ordinary windrow can be loaded, adapting the machine to either swath or windrow loading. The rake bars can be so regulated as to rake above the trash on trashy ground. The teeth on the rake bars and heads are made of the best quality of spring steel.

Ease of handling in the field is an especial feature of the Deere Hay Loader, the coupling being made without any weight whatever on the tongue frame, the proper tension or pressure of the rakes to the ground being applied after coupling by means of a self-locking spring lever, as shown in cut of the hitch. The Loader is uncoupled from the rack by the man on top of the load without descending to the ground. A new feature is the divided crank-shaft which equalizes the work and prevents under strain or breakage.

Deere Hay Loader, 8-foot, price, \$60.00

DEERE POTATO DIGGERS



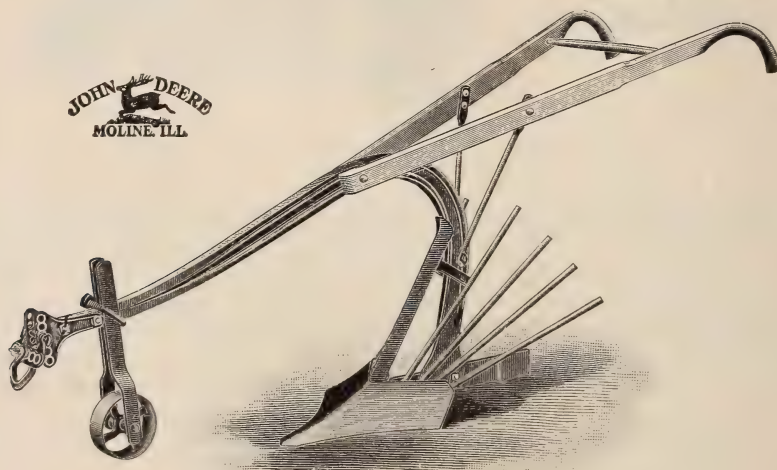
Deere Potato Digger.

Steel beam.

Hardened soft-center steel blade.

Provided with rear gauge wheel and adjustable handles.

The Deere Potato Digger has been in successful use for many years, and is equal to any requirement that may be made on it. It works with very light draft and throws the potatoes out of the ground without cutting, leaving the ground in good shape. The gauge wheel regulates the depth and helps to steady the Digger. Price, \$9.50.



Eclipse Potato Digger.

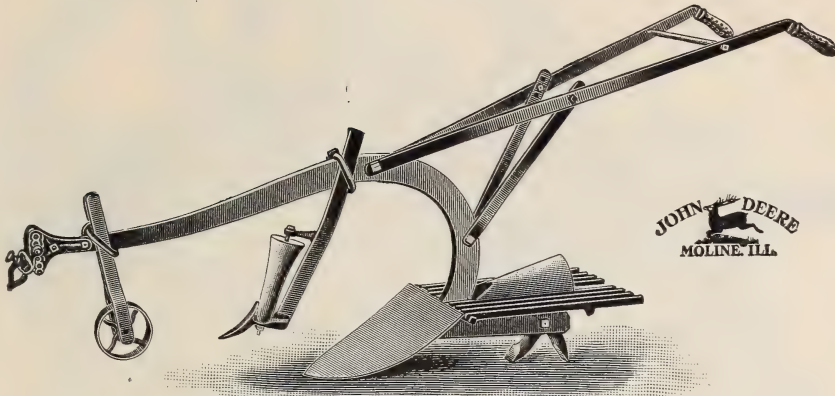
Steel beam.

Hardened soft-center steel blade.

Furnished with gauge wheel adjustable handles.

The Eclipse is an effective and moderate priced Potato Digger, and one which has been used with marked success. It is built in a substantial manner throughout, and will perform the work for which it is intended in a most satisfactory manner. Price, \$12.50.

DEERE POTATO DIGGERS



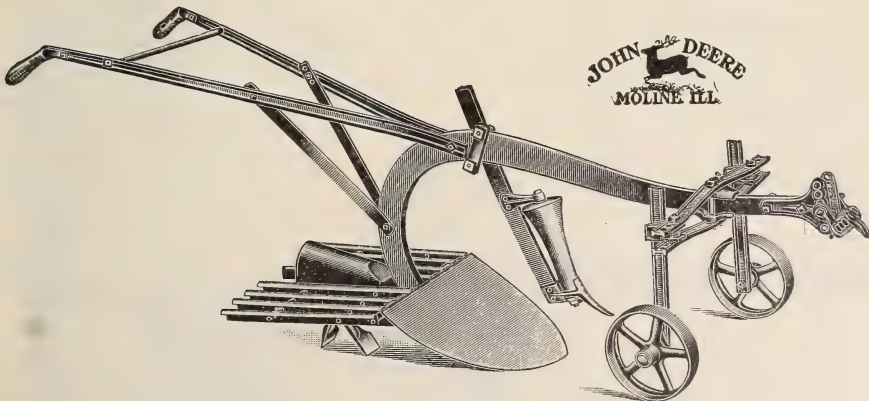
Shaker Potato Digger.

Steel beam.

High natural temper steel blade.

Provided with weed fender and gauge wheel.

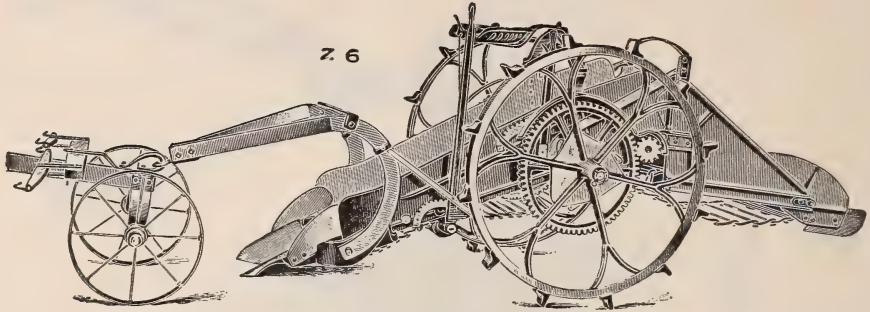
The Shaker Digger has a perfectly flat blade and will not cut the potatoes. The rod grating is hinged at the front and is given an up and down shaking motion by the sprocket wheel at the rear. This shakes the dirt off from the tubers and leaves them clean and whole on top of the ground. The weed fender is intended to clear away weeds and vines, preparing the way for the blade. The digger is shipped with gauge wheel and fender unless otherwise ordered. Price, \$15.00.



Shaker Digger with Fore Carriage.

The Fore carriage, or double gauge wheel which straddles the row, insures steady running of the digger. The wheels have an up-and-down as well as an in-and-out adjustment. Price, \$17.00.

The Standard Elevator Potato Harvester

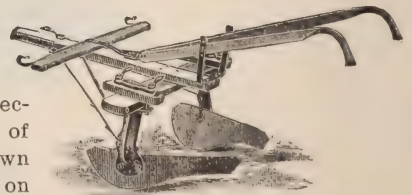


Standard Features.

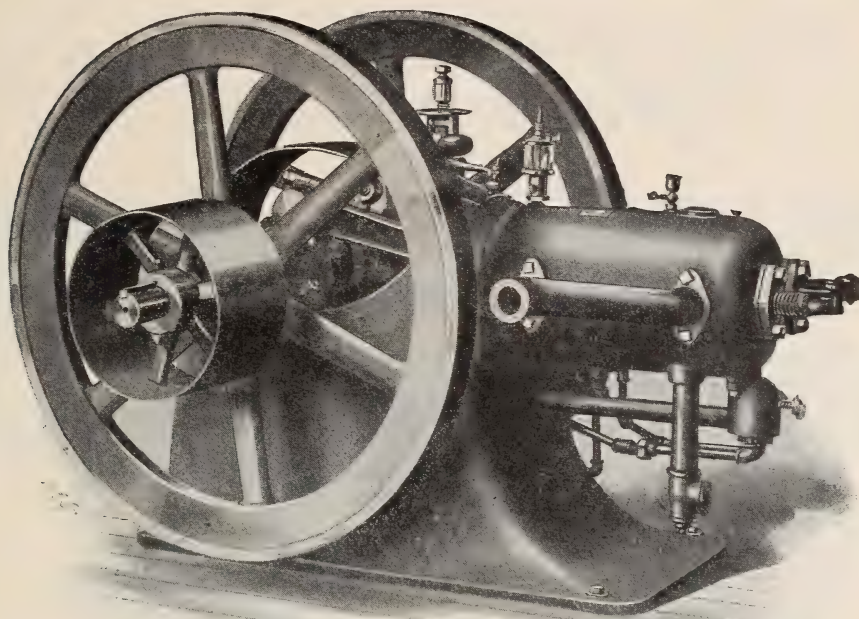
- Great strength and power.
- Special shovel with unusual advantages.
- No potatoes cut or bruised. Leaves field level.
- Main sides form a shield for shovel.
- Cone shaped idlers for apron to decrease trouble of stone catching.
- Free running apron; direct power from large drive wheels; lightest possible draft, Roller bearings.
- Apron supports all carried on full length shafts.
- Rear apron raised or lowered by lever.
- Potatoes not scattered, but placed in narrow row.
- Simplicity and special construction avoid the immense breakage of other machines.
- No difficult adjustments. Two levers do it all.
- Narrow front truck enables driver to easily follow the row.
- The only Digger with successful three-horse eveners.
- Wide wheel lugs for extremely sandy conditions.
- Roll to keep apron rods clean.
- Long convenient oil tubes.
- Write for special catalog and prices.

IMPROVED POTATO HOE

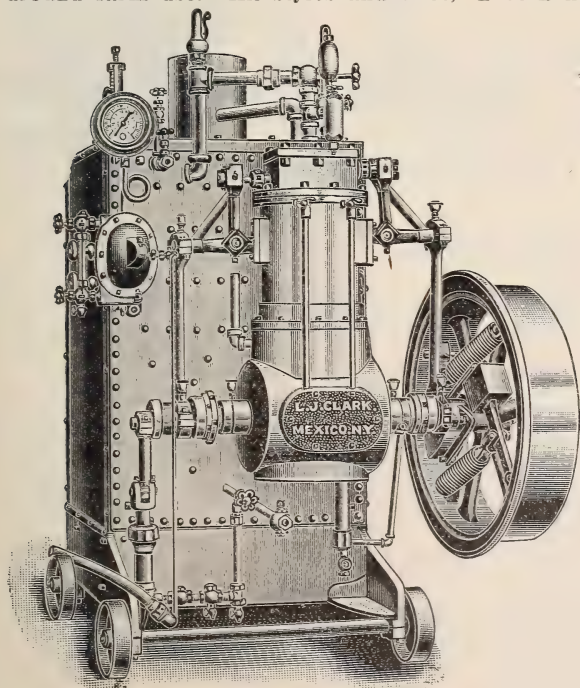
This Hoe is much used in potato growing sections for hilling or covering. The wings are of steel, so constructed that they will tilt up or down on the standard, and the standards are movable on the cross-bar so that the wings can be placed the right distance apart. The cross-bar is strengthened with iron braces, making a strong frame. The handles shift to right or left, so that the operator can walk at the side of the row. Price, \$6.00.



The Root and Van Dervoort Gasolene Engine



These motors were brought out to meet the demand for a type of engine embodying the latest improvements in modern gas engine design, that would be moderately low in price, economical in the use of fuel, reliable under all conditions of weather, and at the same time simple in construction. It is just the engine for all around farm use. All styles and sizes, in both horizontal and vertical. Write for special circulars and prices.



The Safety Boiler and Engine

Perfectly safe, Automatic Governor, Automatic Water Feed, Automatic Draught, built on scientific principles of the very best material obtainable; all boilers tested to 240 lbs. per square inch; will burn anything, from the accumulation of refuse wood about the farm to the finest steam coal; guaranteed to furnish any given horse power with one-half the fuel required with any other make of boiler.

One small armful of wood will raise 80 lbs steam in ten minutes from cold water.

Write for special circular and prices.

THE DAVENPORT ROLLER BEARING STEEL FARM WAGON



The wagon that pulls from 30 to 50% lighter than the old style wooden wagon. Nothing mysterious about this. The reason is plain. It is the **ROLLER BEARING**.

STEEL WHEELS, better than wooden wheels ever were. **STEEL GEAR**, hot riveted, no bolts to become loose. **BEARINGS ENCLOSED** like automobile. Will not dry out, rot or rattle.

More than double the life of a wooden wagon.

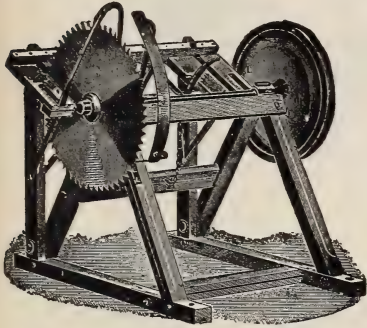
SIZES: Capacity, 5,000 pounds; Wheels, 36 and 44, 40 and 48 inch diameter, with 1 $\frac{3}{4}$, 3 or 4 inch tires; wide or narrow track; drop or semi-stiff tongue.

	Weights.	1 $\frac{3}{4}$ -inch Tire.	3-inch Tire.	4-inch Tire.
With Double Box, Seat, Brake, Doubletrees and Neckyoke,		1,180 lbs	1,260 lbs.	1,310 lbs.
Prices,		\$90.00	\$93.00	\$95.00
Running Gear only,		740 lbs.	820 lbs.	870 lbs.

IMPROVED WOOD AND POLE SAW FRAMES.

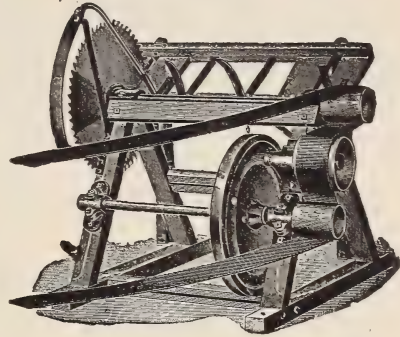
TILTING TABLE WOOD SAW.

Weight 275 Lbs.



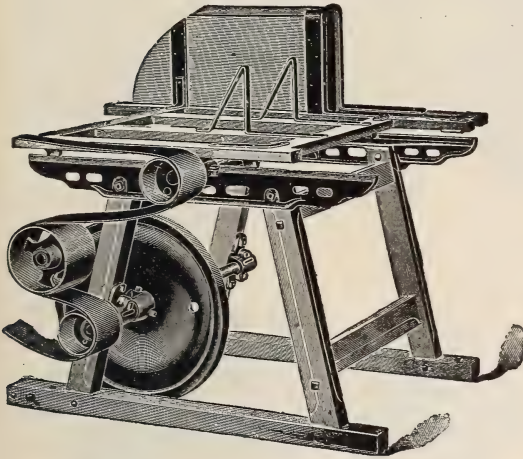
TILTING TABLE POLE SAW.

Weight 350 Lbs.



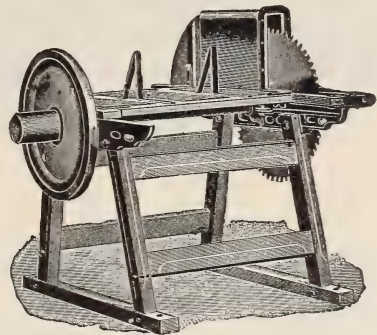
SLIDING TABLE POLE SAW.

Weight 380 Lbs.



SLIDING TABLE WOOD SAW.

Weight 300 Lbs.



The above illustrations show our various styles of Wood and Pole Saw Frames. These are substantial machines, well made and of good materials throughout. Wood saw frames have the balance wheel on the saw arbor and are intended for sawing cord wood. Pole saw frames have the balance wheel on a separate frame below the table, so that they can be used for sawing long poles as well as cord wood. We make both styles of these machines with either tilting or sliding table.

The tilting table is pivoted so that it balances perfectly and is easy to handle. The sliding table is fitted with grooved rollers which run on a "V" shaped track and is very easy to operate. The arbors are true and heavy. They run in long babbitted bearings and are fitted with a 95 pound balance wheel. On pole saw frames the connection between the two arbors is made by running belt over idler pulley.

Note.—All our Wood and Pole Saw Frames are made **right hand**, unless otherwise ordered. Weights shown above are for machines without saw blades. Saw blades weigh about as follows: 20-inch, 8 lbs.; 22-inch, 10 lbs.; 24-inch, 14 lbs.; 26-inch, 17 lbs.; 28-inch, 20 lbs.; 30-inch, 24 lbs.

Prices of Tables without Saws

Tilting Table Wood Saw,	\$15.00
Tilting Table Pole Saw,	20.00
Sliding Table Wood Saw,	18.00
Sliding Table Pole Saw,	24.00

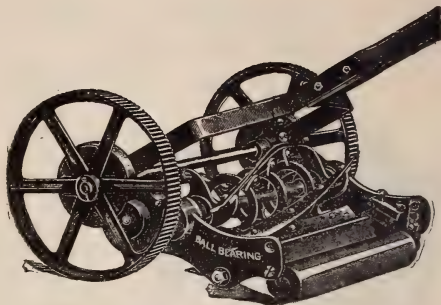
Simonds' Celebrated Circular Saws.

24-in., Set and Sharpened, price,	\$ 9.25
26-in., Set and Sharpened, price,	10.75
28-in., Set and Sharpened, price,	12.00
30-in., Set and Sharpened, price,	13.50

LAWN MOWERS

TOWNSEND'S VICTORY.

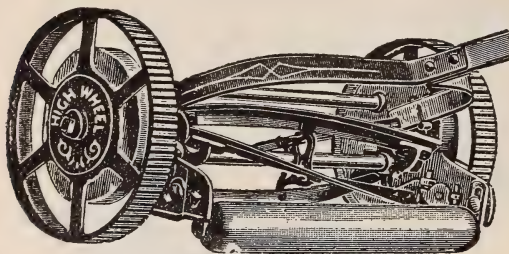
We cannot offer a better mower at any price. It has Ball Bearings of the very highest grade exact to $\frac{1}{4}$ of 1-1000 of an inch which greatly reduces friction. Double Steel Ratchet, very swift and smooth in action, as well as exceedingly hard for durability. Tripple Gear. Entirely enclosed, allowing no dirt or cut grass to find its way into the pinions or cogs. 16", \$8.50; 18", \$9.00; 20", \$9.50.



Victory Lawn Mower.

TOWNSEND'S SPIDER LAWN MOWER.

A splendid high grade mower at a little lower price than the Victory. 16", \$6.50; 18", \$7.00; 20", \$7.50.



Imperial Lawn Mower.

HIGH WHEEL IMPERIAL.

The Imperial is one of our best mowers, the principal feature being that the knife bar is securely bolted to the sides, insuring a perfectly rigid frame. The knives are adjusted by means of our new patent hanger, and a locking device holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The tripple pawl ratchet is the simplest and most durable on the market. The gears will outwear those of any other mower, as they are stationary when the mower is being run backwards. 16", \$8.75; 18", \$9.50; 20", \$10.50.

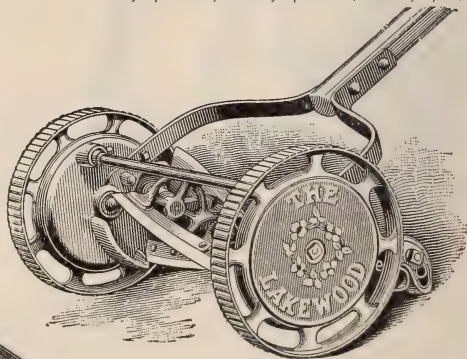
THE LAKEWOOD.

Ball Bearing.—(9-inch Wheels.)

The best medium priced Ball Bearing Mower on the market.

The strongest feature of this machine is the simple but positive, and reliable adjustment of the bearings.

16", \$5.75; 18", \$6.25.



Lakewood Lawn Mower.

THE NEWPORT.

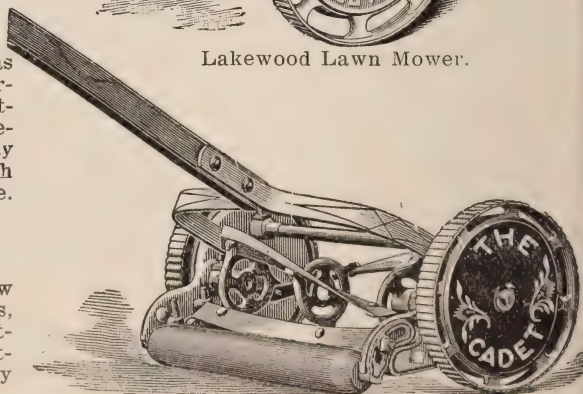
Similar to the Lakewood, but has Brass Bearings in place of ball bearings. The Revolving Cutter and Bottom Knives of the Newport and Lakewood Mowers are of the same quality and weight as used on many High Grade Mowers of other manufacture.

16", \$5.50; 18", \$6.00.

THE CADET.—(8-inch Wheels.)

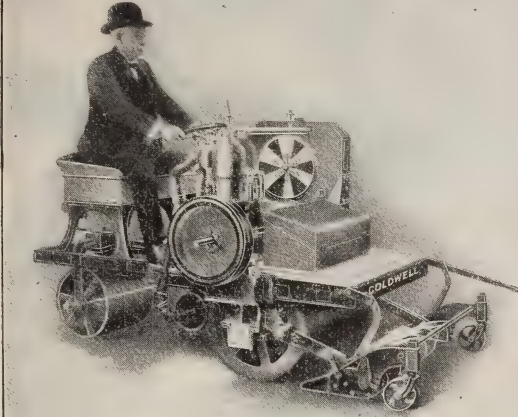
A thoroughly good Mower at a low price. It has large Driving Wheels, Brass Bearings, Patent Flexible Bottom Knife and Ratchets, and Adjustments equal to those used in many makes of High Grade Mowers.

14 and 16", \$2.50; 18", \$2.75.



Cadet Lawn Mower.

Coldwell's Motor Lawn Mower Style "D"



Horse Power Motor,
Width of Cut,
Amt. gasoline per hr.,
Steering gear,
Diam. Drive Rollers,
Hill climbing ability
Length over all,
Height over all,
Weight,
Price,

Coldwell's Motor Lawn Mower

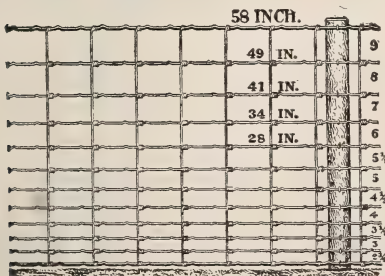
No lawn can be kept in perfect condition without frequent rolling. It is just as necessary to the perfect lawn as frequent cutting. It keeps the lawn free from weeds, worm casts, and unevenness from dampness and other causes.

The Coldwell Motor Lawn Mowers both cut and roll the lawn. One man with one of these machines will do as much work in a day as three men and three horses will do with Horse Mowers. Pays for itself in a single season. No experiment—has been on the market for six years. Motor can be used for stationary purposes without removing it from the machine.

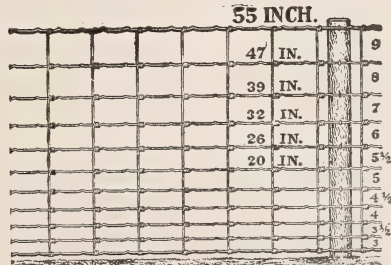
Style B.	Style D.
3-4 h.p.	10-12 h.p.
35"	40"
$\frac{1}{2}$ - $\frac{3}{4}$ gal.	$\frac{3}{4}$ -1 gal.
Lever	Wheel
15"	20"
10%	20%
6' 5"	8' 2"
3' 2"	4' 2"
1200 lbs.	2200 lbs.
\$750	\$1500

Best values ever offered in Fencing are offered in American and Ellwood Wire Fencing. Special designs for Line Fence or for Horse, Cattle and Hog pastures. Also for Poultry, Rabbits, Foxes, etc., and low designs for running on stone walls. The Ellwood Fence is specially adapted for Lawns and Gardens, Cemeteries, etc.

Headquarters for American Field and Hog Fence



Regular Style
Stays 12 in. or 6 in. apart



Special Hog, Horse and Cattle Style
Stays 12 in. or 6 in. apart

Made of large, strong, high-grade steel wires, heavily galvanized. Amply provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate, but does, efficiently, turn cattle, horses, hogs and pigs.

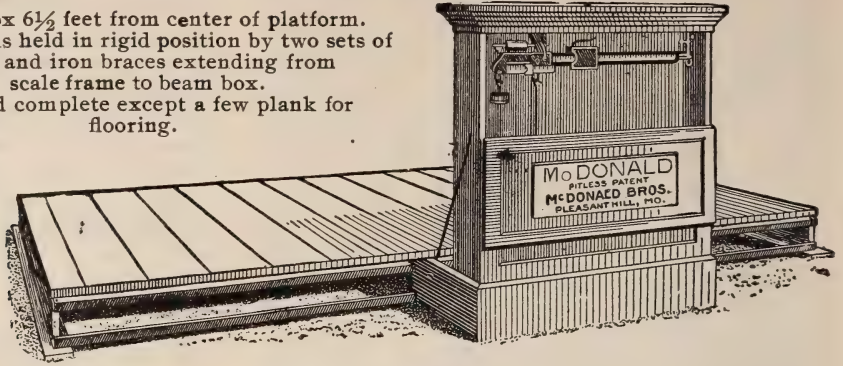
EVERY ROD OF AMERICAN FENCE GUARANTEED.

by the manufacturers and by us. Call and see it. Can show you how it will save you money and fence your fields so they will stay fenced.

McDONALD ECONOMY PITLESS SCALE

Beam Box $6\frac{1}{2}$ feet from center of platform.
 Beam Box is held in rigid position by two sets of
 wood and iron braces extending from
 scale frame to beam box.

Shipped complete except a few plank for
 flooring.



"ECONOMY PITLESS"

Wagon and Stock Scale.

Built with platform 8x14 feet, 8x16 feet, 8x22 feet, 10x22 feet, with a capacity of 3-ton to 12-ton.

Shipped complete including entire steel frame, steel joists, everything to erect the scale ready for service except the few plank for the flooring.

Construction. Each scale is built to weigh accurately, 2 tons in excess of the entire capacity as shown on the scale beam. Beam box, standard size, 1-inch flooring, back and front, 2-inch sides, firmly constructed of best grade lumber; fir, white pine and cypress bottom boards covered with three coats best white paint.

Solid steel joists, capacity of scale governing size of steel joist always strong enough to support 2 tons in excess of the capacity of the scale.

Iron levers composing working parts of scale, made of the best grade of pig iron, at least one-half to twice as heavy as any other scale on the market, will support 2 tons in excess of the capacity of the beam, always carefully tested and inspected before leaving factory.

Bearings.—The key and life to all scales. Our tool steel is especially selected from the best grades obtainable, ground evenly and hardened by a special process by which they retain their knife-edge for a life-time.

Durable. The durability and accuracy of the "Economy Pitless" has been proven by its constant and general use in the market. Many testimonials are on file to show that it has been subjected to some of the most severe tests during the past sixteen years, proving the scale to be perfect in every detail.

Guarantee. We give a **ten year guarantee** on every scale in which we agree to replace any defective parts free of charge and the scale to weigh accurately according to the United States Government standard.

Accuracy. Each scale is separately tested to its full capacity, using U. S. Government test weight, which gives the "Economy Pitless" its undisputed accuracy.

Simplicity. Requires no mechanic or carpenter to erect the scale. A common laborer can erect the scale ready for service in a few hours time.

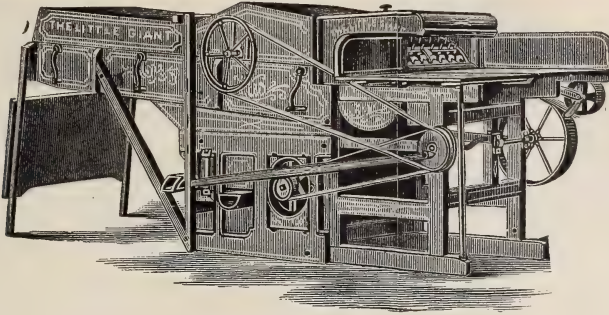
Foundation is only required under each end of scale frame and the beam box.

Economical scales of other designs merely offer you a few castings and a receipt to build a scale, and to comply properly with the receipt you will be out the expense of 700 to 900 feet of heavy timber, the expense of digging and walling a pit, services of a carpenter for at least two or three days, and not to mention the fact that you will have to contend with the disadvantages of a pit for several years.

Portable. The fact that the "Economy Pitless" can be erected for service on barn or warehouse floor or level ground and that the scale can be moved from place to place on the farm or coal mines insures convenience and economy.

Write for special circulars and prices.

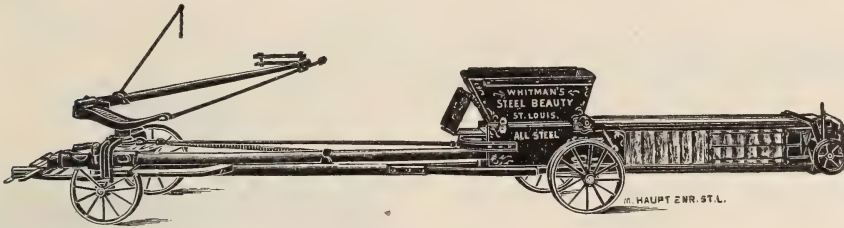
HEEBNER'S LITTLE GIANT THRESHER



The leading machine in its class because of its simplicity, light running qualities, strength and durability. No machine has yet been made that will do as much work and do the work as well. A veritable boon to farmers and threshermen. Its fame is world wide.

Write for special catalog and prices.

Whitman's New Model Steel Beauty Baling Press



The power end of this press, which is entirely new, is very **simple, powerful and durable**. The bale chamber end is about the same as used in our **Steel Beauty**. It is constructed almost entirely of steel and iron. The front axle arch is of wrought channel steel, connected firmly to the steel axle with a strong fifth-wheel. The power arms have two points of contact with the pitman at each stroke, the first being 18 inches from the center, and makes a positive connection, and not a wedge or sliding device that fails to start the plunger if it has any considerable resistance. At the last connection, for final pressing of the charge, the fulcrum is about 10½ inches from center. This gives more power at time required, and an exceedingly long plunger travel, with very large feed opening. The pitman is of heavy steel pipe; the head where the roll strikes has a removable, hardened steel plate. The main sill, or bridgetree, is also steel pipe, securely connected to bale chamber and power end of baler. With our new construction of power we require no guide in the forward movement of the pitman on the power end. The bale chamber and feed hopper are entirely of steel, and very strong. The metal plunger has 34½-inch travel, with a spring top and an excellent folding device, hinged apron and all modern improvements. This press is light, powerful, rapid and durable, and is guaranteed in all respects. We furnish with each baler, feed table, three dividing blocks, wrenches, oil cans, doubletrees, neckyoke, steel lead pole, etc.

Size of bale, 14x18; Steel or Wood Wheels; Weight,	2,780 lbs.
Size of bale, 16x18; Steel or Wood Wheels; Weight,	2,820 lbs.
Size of bale, 17x22; Steel or Wood Wheels; Weight,	3,130 lbs.

Write for special catalog and prices.

THE FOSTER STEEL STANCHION



The illustration shows stanchion in use and demonstrates the comfort and freedom of motion given to cows fastened in this way.

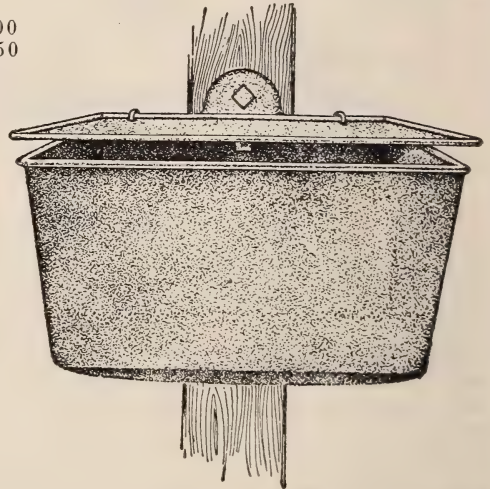
Stanchions are made of steel and malleable iron and will last a lifetime. They insure the greatest degree of comfort possible to cattle while in stable. We believe them to be the best cow Stanchion on the market. The regular size is 7 inches. For yearlings and other small stock we drill the sides so oval wood strips may be attached if desired.

Foster Steel Stanchions, each, \$2.00

Foster Wood Stanchions, each, 1.50

Foster Watering Basin

The farmer who has a windmill or other device for supplying water to stock in the stable will find the Foster Watering Basin superior to any watering device on the market. It is made of cast-iron with a galvanized steel lid,



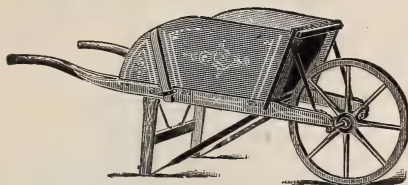
which prevents all dirt, dust and feed from falling into the water. The edge of the lid projects sufficiently to allow the cow to raise it easily when she drinks. The basin is fastened to the upright post between the cows, with two screws, or small bolts, so that one basin answers for two animals. Price, each, \$2.50.



No. 1 HARVARD TANK HEATER

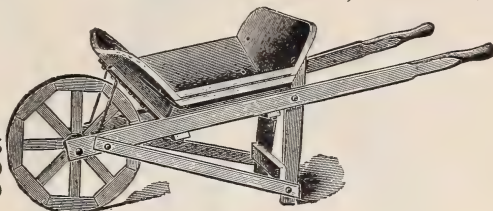
Will take the chill from water in any ordinary sized tank, even though the temperature should be 20 degrees below zero. Price, \$4.50.

WHEELBARROWS



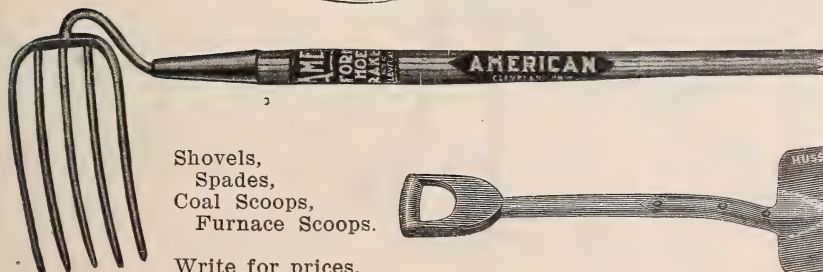
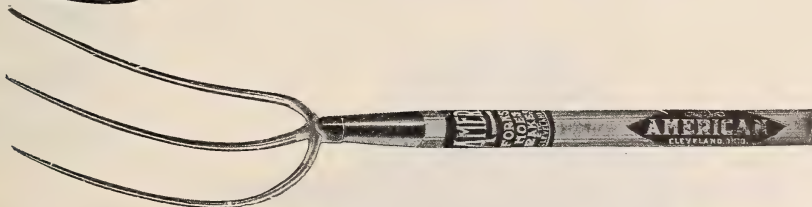
Canal Barrows.

No. 2 Painted Garden Barrows,	\$3.00
No. 4 Painted Garden Barrows,	3.25
No. 5 Painted Garden Barrows,	3.75
No. 6 Painted Garden Barrows,	4.25
No. 4 Natural Finish Barrows,	3.75
No. 5 Natural Finish Barrows,	4.00
No. 6 Natural Finish Barrows,	4.50



Wood Tray,	\$2.00 to \$2.25
Steel Tray,	\$4.00
All Steel,	\$6.50 to \$8.00

We carry a complete line of the celebrated Ely Steel Goods: Garden Hoes, Meadow Hoes, Garden Rakes, Road Rakes, Hay Forks, Manure Forks, Spading Forks, Stone Forks, Potato Diggers, Weeders, Vegetable Forks, Ensilage Forks.



Shovels,
Spades,
Coal Scoops,
Furnace Scoops.

Write for prices.





20th Century Corn Hooks.

Also Patented
in U. S.

Feb. 13, 1900.
June 26, 1900.
Jan. 1, 1901.

In Canada,
May 22, 1900.

GRASS HOOKS

Little Giant,	\$.35
Gem,	.35
Daisy,	.20

CORN HOOKS

20th Century Plain Blade,	\$.30
Dandy, Plain Blade,	.20
Dandy Serrated Plain Blade,	.25

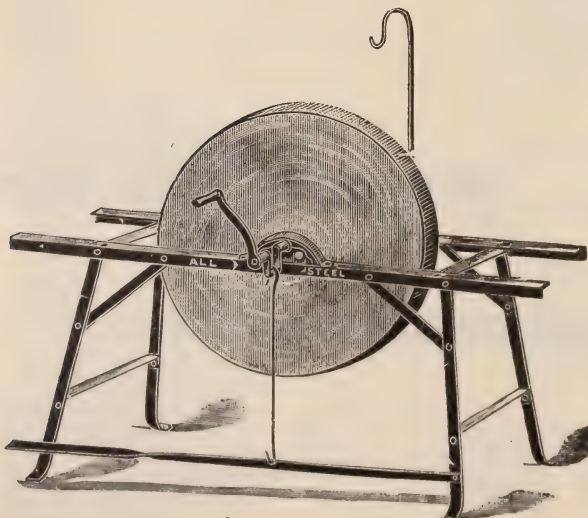
GRASS SHEARS

Common,	\$.25
Polished No. 0263,	.30

SCYTHE STONES



G. B. Haskell Co.'s Ragg, .10. Black Diamond, .10. Willoughby Lake, .10. Chocolate, .10. Emery, .10. Deerlick, .05.

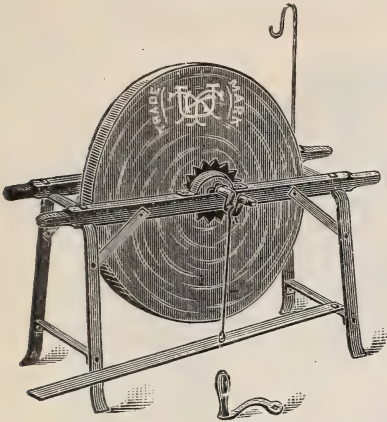


Eureka Steel Frame Mounted Grindstone

Cross Bars Angle Steel, all steel Frame. All Castings Malleable. Rigid, strong, durable. Turns on Roller Bearings.

Stone weighs 65 to 80 lbs.

With Pedal Rig,	\$4.50
With Bike Rig,	4.75



THE U. T. K. Mounted Grindstone

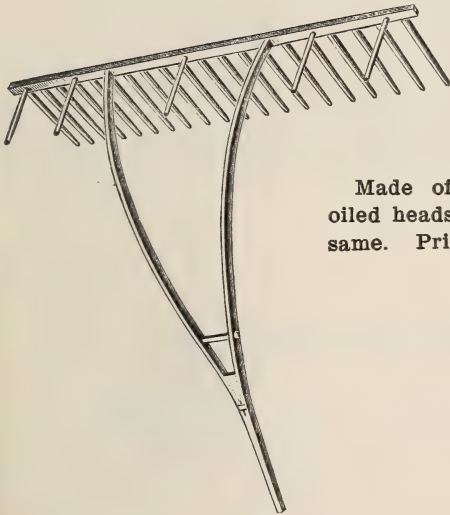
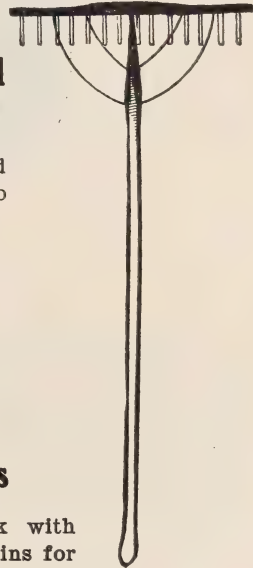
The frame is a combination of Wood and Steel and is strong and serviceable. Stones are selected.

No. 1—Stone about 27 to 30 in. in diameter.
Price, \$3.25.

No. 2—Stone about 24 to 26 in. in diameter.
Price, \$3.00.

Bartlett's Celebrated Hand Rakes

Two and Three Bowed, Plain and Varnished Head, Straight and Bent Handles. Price, 15 to 35 cents each.



Marston's Adjustable Drag Rakes

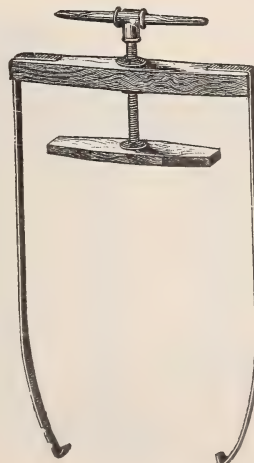
Made of clear selected stock with oiled heads. Extra Teeth and Pins for same. Price of Rakes, 65 cents.

BARREL HEADERS

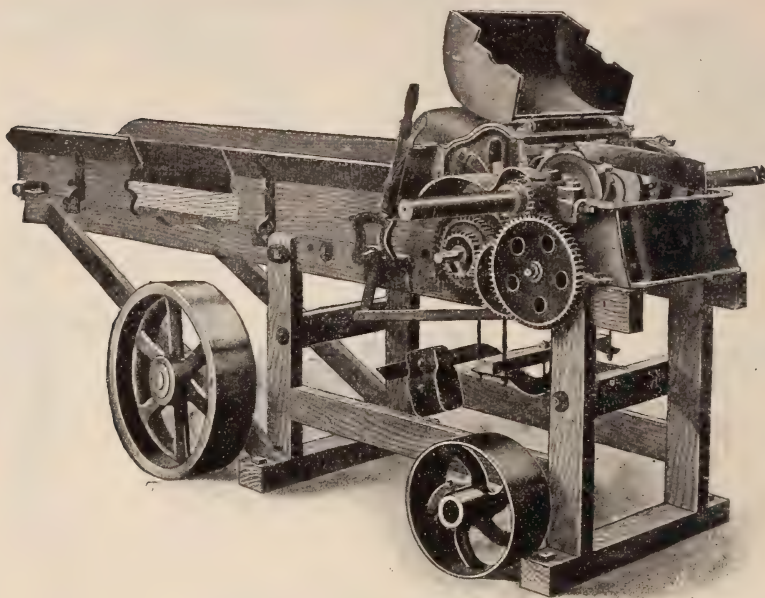
A simple contrivance but indispensable for putting heads in barrels after being filled with apples and other produce.

Price, No. 1, 1-in Screw, \$1.15

Price, No. 2, 1-in. Screw, 1.40



Freeman Ensilage Cutters and Carriers



These machines are built in twelve sizes, from small hand cutters, up to 24 in. power machines. The frames are heavy, well made, and substantially braced throughout. The 13 in. machine and larger are fitted with four tempered tool steel knives which are set spirally so as to make a downward shearing cut against the steel cutting bar. Shredder heads can be furnished in place of cutter heads if wanted—We invite the most critical examination of the Freeman Cutters. Having given them many severe tests during the past few years, we unhesitatingly recommend them. Plenty of testimonials for the asking.

Write for special circular and prices.

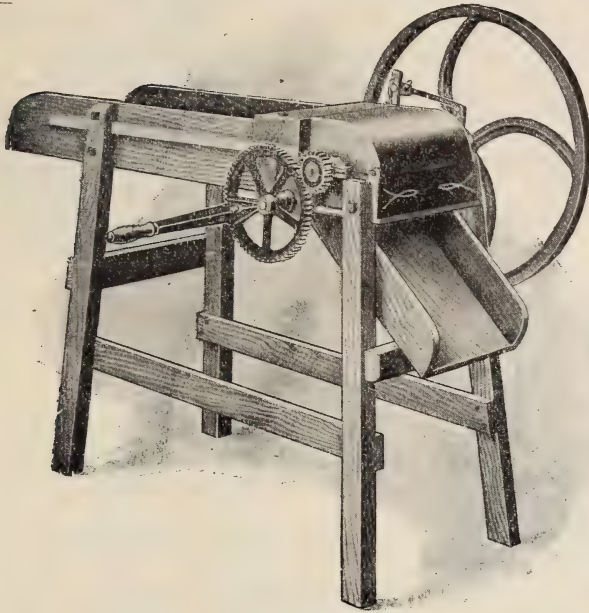
RICH'S EXCEL FEED CUTTERS



The latest and most successful Lever Feed Cutter on the market is the Rich's Excel. By an ingenious contrivance the lever of this cutter is held in bearing at both ends of the knife, keeping the cutting edge against the bed. The knife is attached to the lever by bolts and adjusted to the cutting bed by set screws. Thus a perfect shear cut is always insured, and it is the only machine of its class wherein the knife is not liable to be forced away from the cutting bed by the forage.

Size B—Mouth 10 ½ x 6 ½ inches,	\$3.75
Size C—Mouth 12 x 6 ½ inches,	4.25

Freeman's No. 5 Special Feed Cutter



Throat is so wide that fodder can be fed into the machine in a broad thin body. The cutting knife is $11\frac{1}{4}$ in. long, made of tempered tool steel and makes a downward shearing cut against a hardened cutting edge.

Knife makes three cuts to one turn of crank, and length of cut is adjustable from $\frac{3}{8}$ in. to $1\frac{1}{2}$ in. It is an easy running machine.

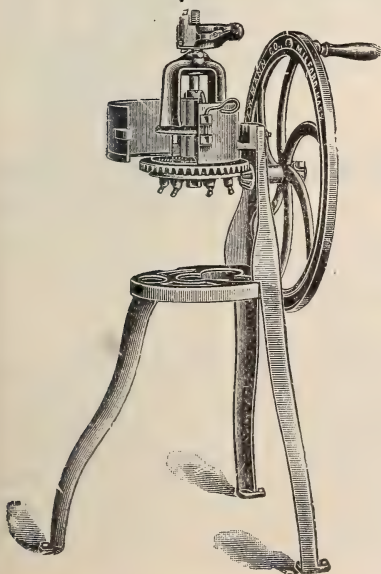
Capacity per hour, 150 to 200 lbs. of dry fodder; 300 to 400 lbs. of green fodder. Price, \$9.50.

Freeman's No. 7 and 8 Hand Feed Cutters

These machines are made with two knives. The length of cut is $\frac{1}{4}$ in., $\frac{5}{8}$ in. or 1 in. Length on No. 7 knives is $8\frac{1}{2}$ in., length of No. 8 knives $9\frac{1}{2}$ in. The knives are made of tempered tool steel. They are secured to the knife head by bolts which are easy to get at and are backed by adjusting screws for setting and holding knife in proper position. The knives cut downward against a hardened cutting edge which is ground true.

Price of No. 7, \$13.50

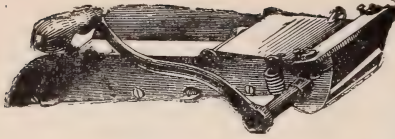
Price of No. 8, \$16.00



Munn's New Model Open Cylinder Green Bone Cutter

No. 5C, with Crank Handle,	\$ 6.00
No. 5B, with Balance Wheel,	8.00
No. 5BM, with Bal. Wh. and Iron Stand,	10.40
No. 7, with Bal. Wheel, and Iron Stand,	12.00
No. 9, with Bal. Wheel, and Iron Stand,	18.40
No. 11, Power Machine,	26.00
No. 12, Power Machine,	30.00
No. 15, Power Machine,	60.00
No. 14, Power Machine,	76.00
No. 16, Power Machine,	225.00

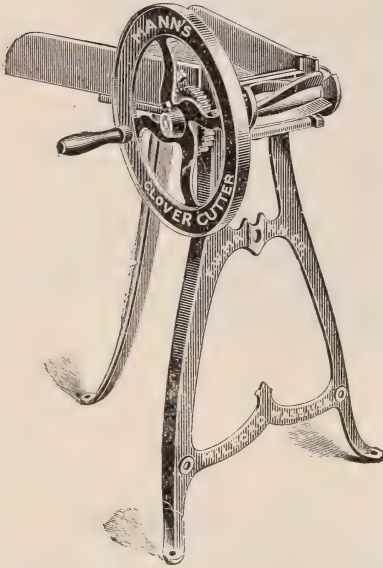
We carry a full line of extra parts for all sizes of cutters. Write us for prices before purchasing.



The Stearns Clover Cutter

A person in five minutes can cut enough with this machine to last one hundred fowls a day.

This cutter is made in convenient size for use on bench or table. The entire frame is made of malleable iron, making a very light and strong machine. It is self-feeding and self sharpening. Cuts clover very rapidly. It is also suitable for cutting cabbage leaves, alfalfa, etc., and is run with very little effort. Price, each, \$3.00.



Mann's Clover Cutter

Cuts any kind of Hay or Clover, either dry or green and more rapidly than any other make.

Price with Balance Wheel, \$8.00.

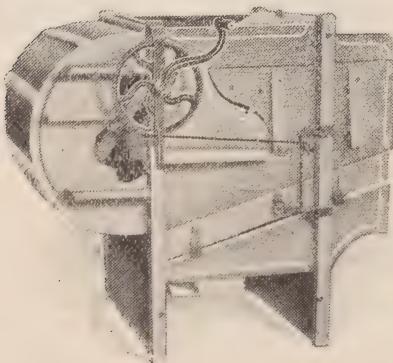
Price with Balance Wheel and Stand, \$10.00.

New England Root and Vegetable Cutter

This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives are continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute. Price, \$5.75.

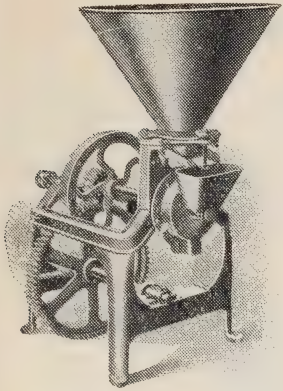


Freeman's No. 1 Single Shoe Farm Fanning Mills



Has a very short and quick shake or movement of the shoe. This short shake is very important in the cleaning of fine seed. Double the screening surface of the ordinary mill.

The regular outfit furnished with this mill is called a grain outfit, and consists of one wheat or rye hurdle, with zinc top and wire middle and bottom sieves; one corn or oat seive; one barley or bean seive; one wheat grader; two wheat or barley screens; one pair of fan blinds, and one cheat or cockle board. Price, \$14.00.



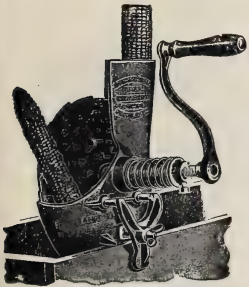
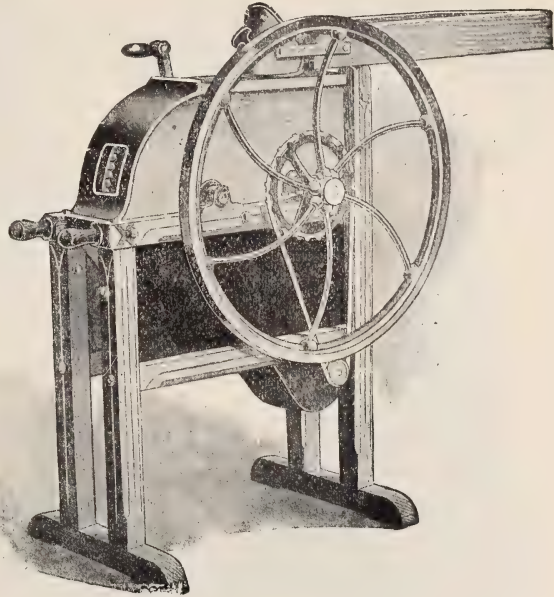
Belt Power Feed Grinder

The design and construction of this Grinder make it especially adapted for use in connection with power wind-mills or with any other kind of power where the motion is liable to be unsteady and where close attention is not given to the grinder, but it is just as well adapted for use in connection with horse powers, engines, etc. Price, \$18.

FREEMAN'S ROUND END, ONE HOLE CORN SHELLER

Unquestionably the most popular style of Hand Corn Sheller made. It combines every desirable feature required in a machine of this character.

One Hole Corn Sheller,	
price,	\$ 7.25
Two Hole Corn Sheller,	
price,	15.00

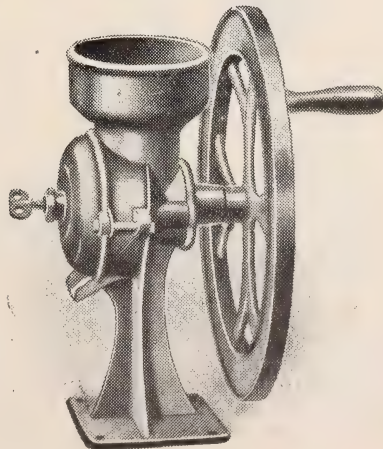


Freeman Cast Iron Hand Corn Sheller

This practical sheller meets every requirement and may be set to shell any size corn that grows. Price, \$1.75.

No. 3 Model Grist Mill

These mills will make fine graham flour or meal for table use. Crack Corn, grind Hominy, split Peas, crack Wheat and grind Salt. In fact it is a general, all around, excellent mill. Price, \$6.00.



THE FREEMAN STEEL WINDMILL

Have you ever seen a better windmill? The Freeman without a doubt is the strongest and most durable windmill made. Its simplicity of construction commends it to all buyers; every detail part is made the best the manufacturers know how, making a faultless combination which cannot be equaled. A windmill that will do more work, stand harder service, require less repairs and will give you better satisfaction than any other mill on the market. If it doesn't we will right the wrong. Isn't such a guarantee as this, backed up by S. Freeman & Sons Mfg. Company, strong enough to interest you in our windmill?

The illustration, FIGURE 5 shows the engine head of our 8 foot pumping windmill. We call particular attention to the distance from out to out of the main shaft bearings. This serves a double purpose of making the mill run easier, and because properly balanced, it will turn more promptly in shifting winds.

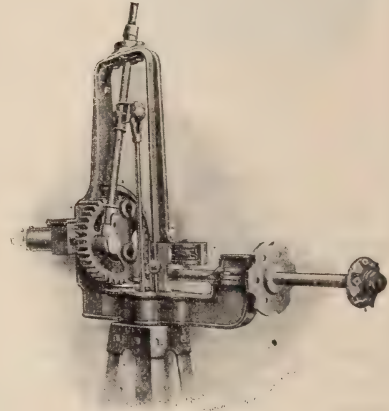


Fig. 5

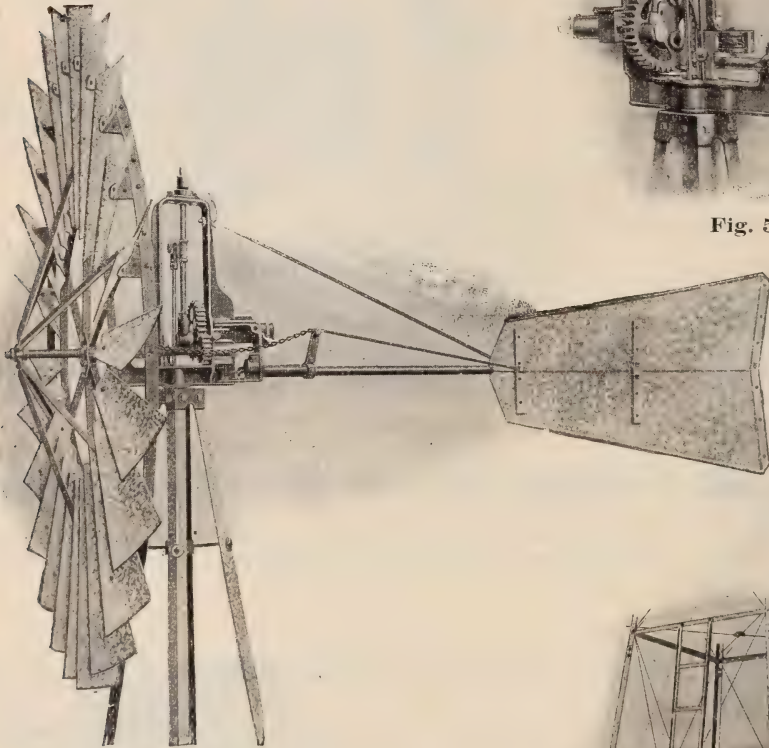


FIGURE 6 illustrates the lower ten feet of our 30 foot four post angle steel tower. This illustration shows the thoroughness of the bracing employed in the construction of all our towers.

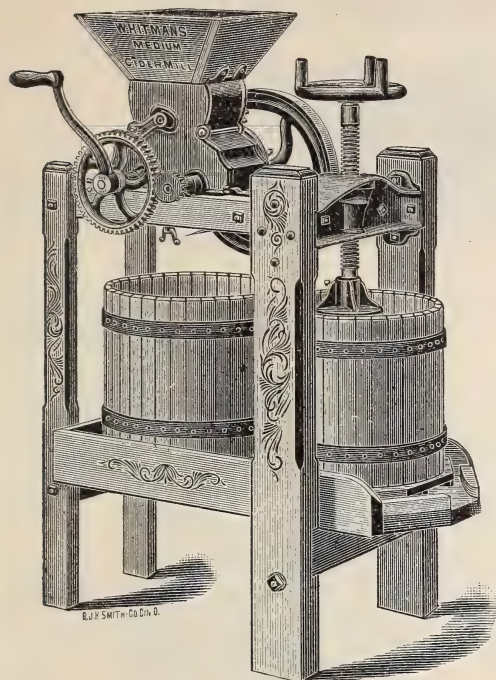
ESTIMATES.

We will be pleased to estimate cost of water supply where Windmills, Towers, Sub-structures, Pumps, and Wood or Pneumatic Tanks are used.

Write for special Catalogues and prices.



Fig. 6



WHITMAN'S NEW MONITOR CIDER AND WINE MILL

Constructed upon the grater principle requiring less power to operate than the crushing mills. The crusher roll is adjustable for large and small apples.

Junior Monitor,	Price, \$11.50
Medium Monitor,	Price, 15.50
Senior Monitor,	Price, 19.50

HUTCHINSON'S CIDER MILL

No. 0, Price, \$7.25.

No. 1, Price, \$9.00.

FARMERS' BOILERS

A Low Priced Farmer's Boiler.
Unsurpassed for General Farm Work.

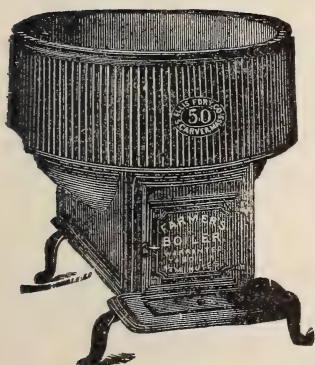
NET CASH PRICES.

	For Wood.	For Coal.
15 gall.	\$11.25	
20 "	12.00	\$15.00
25 "	15.00	
30 "	18.00	23.00
40 "	22.50	30.00
50 "	30.00	37.50
65 "	36.75	40.50

STEEL ROAD SCRAPERS

They are shaped cold from a single piece of steel, lapped and riveted at the corners. They are uniform in thickness throughout except at the corners, where they are of double thickness.

No. 1., capacity 7 cubic feet of earth; weight 105 lbs.,	Price, \$6.25
No. 2., capacity 5 cubic feet of earth; weight 95 lbs.,	Price, \$6.00
No. 3., capacity 3 cubic feet of earth; weight 85 lbs.,	Price, \$5.75



IMPROVEDS TONE-BOAT FRONT



This device enables the farmer to make a good stone-boat in one hours time with ordinary straight plank that he may have on the farm. All tools necessary are saw and bit.

32 in. wide, with bolts, steel, weight 30 lbs.,

Price, \$2.50

MAINE STONE-BOATS

Strong and serviceable made of sawed Oak Planks.

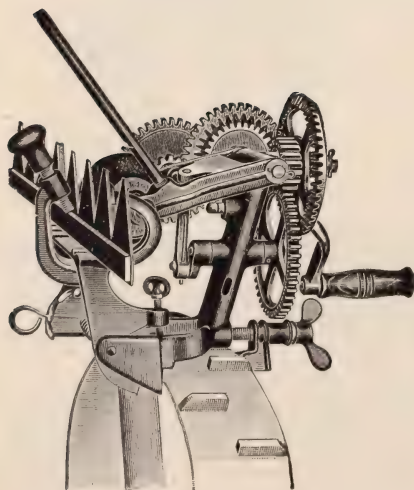
Small size, \$3.75.

Medium Size, \$4.00.

Large size, \$4.25.

McCormick Knife and Tool Grinder

AN ALL AROUND SUCCESS



This grinder is convenient for use in the field, as it can be readily attached to the mower wheel by means of a thumb latch which holds the grinder firmly in position. The lever gives the operator perfect control, so that nicks can be ground out, and the shape of the stone insures the sections being sharpened with their original bevel. Uniform grinding is secured by means of an adjustable spring which automatically regulates the pressure of the sections against the stone. A cylindrical stone for grinding tools and a narrow circular-faced stone for the gumming of saws are furnished on special order. This knife grinder can also be furnished on special order as a foot-power machine.

Price, \$3.50

Hay Carriers and Fixtures

THE MYERS CLOVER LEAF UNLOADER.

Swivel and Reversible for Double Steel Track.

Has 3 1-4 in. Track Wheel and 7-8 in. Turned Steel Axles. Aluminum Finish.

Fig. 1031 represents the new Clover Leaf Unloader, made of malleable iron throughout. Is heavy and substantially made. Is fitted with wide open mouth to receive the fork pulley when approaching in any direction. Also has swinging fork pulley which relieves the carrier from all strain when drawing hay over a high beam or into a well-filled mow. The track wheels revolve on 7-8 inch turned steel axles. The rope sheaves have longer hub than any other make of carrier. The lock is composed of three parts, and has no springs. The locking device grasps the fork pulley on either side and permits it to swing free. Price, \$4.50

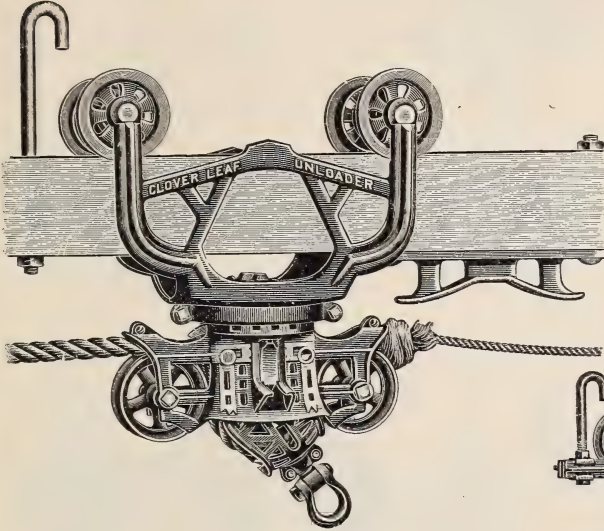


Fig. 1031.

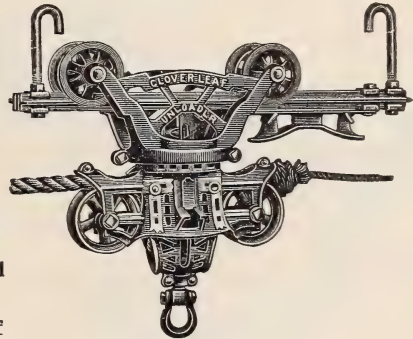


Fig. 1032.

THE MYERS CLOVER LEAF UNLOADER FOR WOOD TRACK.

Swivel and Reversible, With 7-8 in. Axles and Oil Openings.

Figure 1032 represents the Clover Leaf Unloader as made for wood track. This carrier is fitted with a wide open mouth to receive the fork pulley. The rope sheaves and track wheels are all fitted with large turned bearings. The machine is both swivel and reversible combined in the one machine. By this device the machine can be reversed by reversing the swivel or by drawing the rope through from end to end. It fills all the requirements and enables the dealer to supply all customers with one style of machine.

Price, \$4.50



MYERS DOUBLE STEEL TRACK HANGER HOOKS.

Price per dozen, \$.95

MYERS JOINTED STEEL TRACK HANGER HOOKS.

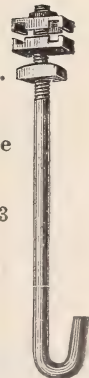
Price, 10 in., per dozen, \$1.40

Knockers, Stops, Wheels and a complete line of repairs for Myers Clover Leaf Unloaders.

Steel Track
Hanger Hook.

Myers' Patent Double
Steel Track.

Price per foot, \$.13



The J. A. Cross Hinged Extension Track



Above cut shows building equipped with Hinged Extension.

Solid lines shows Extension up ready for use.

Broken lines shows Extension lowered within building.

There perhaps has never been brought out an invention or improvement in the hay carrier or tracking line that has received so ready an endorsement by the farmers as the Hinged Extension. It has no drawbacks not even in its cost, as it requires but little figuring to show that it is the cheapest method of extending a track out from a building.

Write for estimates and prices on Hinged Extensions and Hangers.

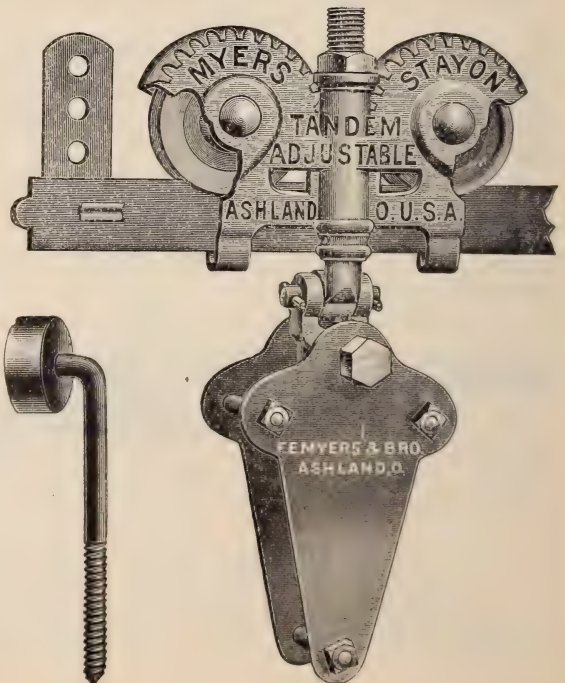
MYER'S ADJUSTABLE TANDEM STAY on FLEXIBLE DOOR HANGER, With Steel Roller Bearings.

This is the only hanger on the market that can be adjusted perpendicularly so as to locate the door at any point above the ground desired, or laterally so as to adjust the door to or from the building, and will also adjust itself to any thickness of barn door. The perpendicular and lateral adjustments are made with an ordinary wrench, and at the will of the user.

Price per pair,	\$1.00
Rail for Tandem Hangers	
per foot,	\$.06

BARN DOOR ROLLERS.

Adjustable Hinge,	each,	\$.15
No. 1, Bent to Screw,	each	.10
No. 4, Straight to drive,	each	.10



WOOD TRACK**HANGER HOOKS.**

10 in. per doz.	\$.75
12 " " "	.80
14 " " "	.85
16 " " "	.90
18 " " "	.95

JOINTED HANGER HOOKS.

12 in. per doz.	\$1.40
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RIDGE POLE HOOKS.

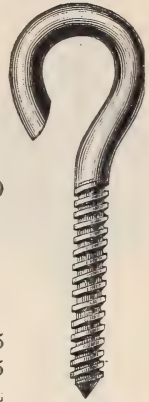
$\frac{3}{8}$ in. per doz.	\$.75
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**RAFTER BRACKETS.**

Per doz.	\$.50
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FLOOR HOOKS.

$\frac{5}{8}$ in. per doz.	\$.85
$\frac{3}{4}$ " " "	.95



Wood Track Hanger Hook.

Jointed Hanger Hook.

Floor Hook.

HAY FORK PULLEYS.

Fig. 1120



Fig. 433



Fig. 692



Fig. 1133

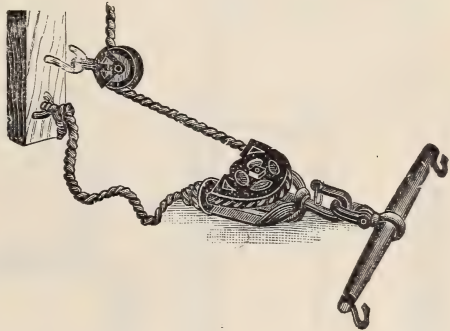
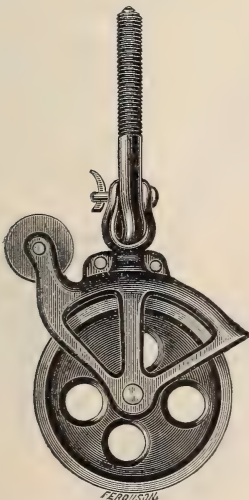
Fig. 628, Snatch Block Pulley.
Price each, \$.60.

Fig. 1120, price each,	\$.35
Fig. 433, price each,	.20
Fig. 692, price each,	.20
Fig. 1133, price each,	.25
Fig. 1124, malleable, price each,	.60



Cross Floor, price each,

\$1.25



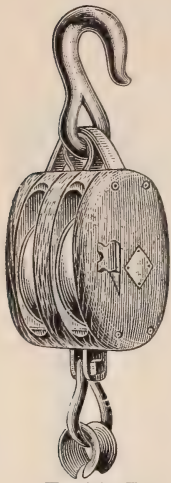
Stowell's malleable, price each, \$.60



Drive Screws, per Gross,

\$.60

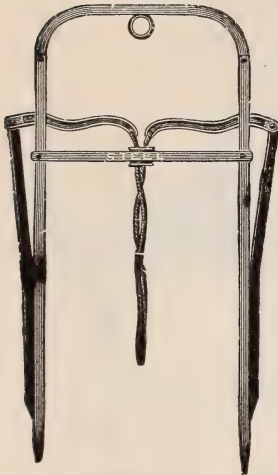
TACKLE BLOCKS.



Tackle Block.

Single.		Common.		Double.	
3 in.	each	\$.28	3 in.	each	\$.52
4 "		.34	4 "		.64
5 "		.36	5 "		.70
6 "		.44	6 "		.80
7 "		.52	7 "		.96
8 "		.66	8 "		1.14
10 "		1.10	10 "		1.80
12 "		1.78	12 "		3.00

Single.		Patent.		Double.	
3 in.	each	\$.44	3 in.	each	\$.80
4 "		.48	4 "		.90
5 "		.50	5 "		.94
6 "		.60	6 "		1.14
7 "		.68	7 "		1.34
8 "		.90	8 "		1.66
10 "		1.40	10 "		2.40
12 "		2.12	12 "		3.68

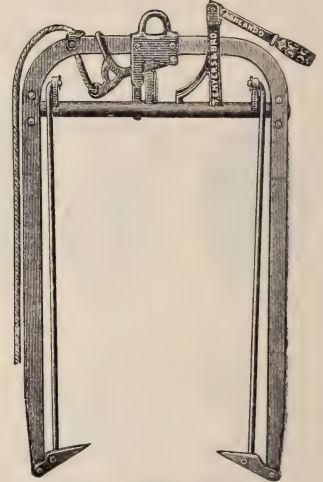
Double Harpoon
Hay Fork.

25 in.	\$1.10
31 in.	1.35
Alfalfa,	2.50



Steel Grapple.

Price each .50.



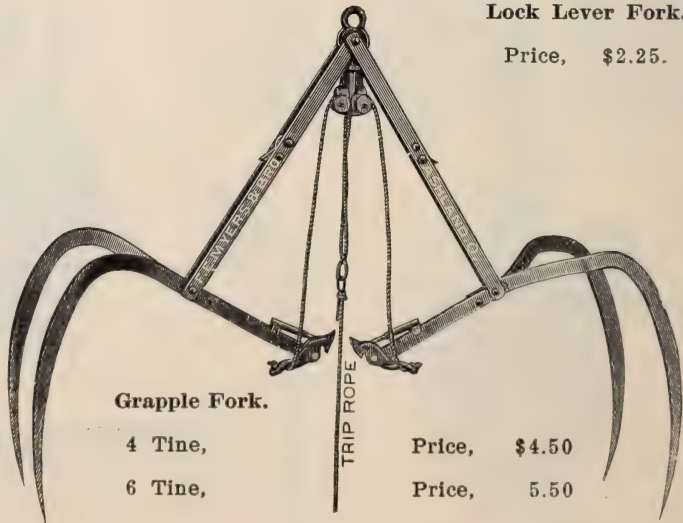
Lock Lever Fork.

Price, \$2.25.



Swivel Rope Hitch.

Price each .25.



Grapple Fork.

4 Tine,

Price, \$4.50

6 Tine,

Price, 5.50

ESTIMATES FOR HAY CARRIER OUTFITS.

Estimate of material required for a Steel Track Outfit for different length barns:

For a 40-foot barn, One Carrier, 36 ft. Track, 12 Hanger Hooks, 12 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 120 feet 3-4 inch Manila Rope, 50 feet 3-8 inch Check Rope, 1 Rope Hitch.

For a 50-foot barn, One Carrier, 48 ft. track, 15 Hanger Hooks, 15 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 160 feet 3-4 inch Manila Rope, 55 feet 3-8 Check Rope, 1 Rope Hitch.

For a 60-foot barn, One Carrier, 54 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 185 feet 3-4 inch Manila Rope, 65 feet 3-8 inch Check Rope, 1 Rope Hitch.

Above estimates of Rope are for an **End Hoist**. In hoisting from centre of barn less Rope will be necessary.

SPECIAL NOTICE.

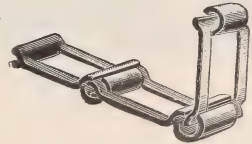
When requesting quotations do not fail to give exact length of barn, whether Ridge Pole or full Rafter and distance between rafters. Also state whether you expect to hoist from end or centre of barn.

MANILA AND SISAL ROPE.

Diameter inches	Strength in lbs.	Feet to lbs.	Diameter inches	Strength in lbs.	Feet to lbs.
$\frac{1}{4}$	450	43	$\frac{3}{4}$	3,900	6
$\frac{5}{16}$	750	30	$\frac{7}{8}$	5,600	4
$\frac{3}{8}$	950	24	1	6,750	$3\frac{1}{8}$
$\frac{7}{16}$	1,200	19	$1\frac{1}{8}$	9,150	$2\frac{1}{8}$
$\frac{1}{2}$	1,700	13	$1\frac{1}{4}$	10,600	$2\frac{1}{2}$
$\frac{5}{8}$	3,000	$7\frac{1}{2}$			

Repairs and Extras

We shall continue to maintain the reputation of A. & D. Bramer for carrying the most complete line of Repairs and Extras to be found in New England. We can make prompt shipment of the principal parts for all Mowers, Rakes, Tedders, Harrows, Cultivators, Plows, etc., used in this section at present, and for years back.



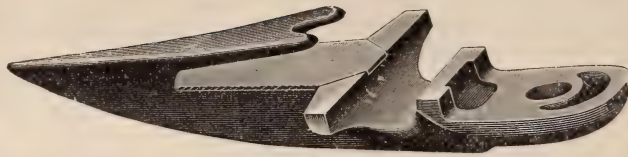
Link Chain



Knife Head



Guard Plate



Mower Guard



Spring Harrow Tooth

Guard Bolts and Guard Plates for all Guards, Knives, Knife Heads, Sections, Rivets, etc., all guaranteed to fit the machine for which they are intended.



Mower Knife



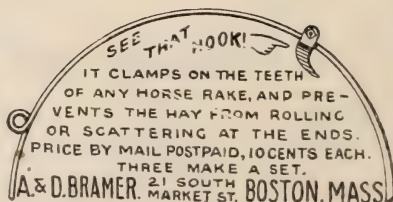
Cold Chisel : Prices, 1-2 x 6 .10, 5-8



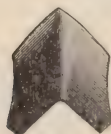
Drive Punch : Price, 1-2 x 6 .10

Steel Harrow Tooth : Square $\frac{5}{8}$ and 1 inch

Section



Tedder Fork



Cultivator Steels

NOTICE.

In ordering repairs always give name of machine and number on old part. When the number or letter cannot be found, it is always best to send, by express prepaid, the old or broken part, thus avoiding mistakes or delays.

Myers Siphon Pumps

Fig. 695, No. 160, with 2½ in. Cylinder tapped for 1½ in. pipe suction and discharge. Price, \$16.00.

Fig. 695, No. 161, with 3 in. Cylinder tapped for 1½ in. pipe suction and discharge. Price, \$17.00.

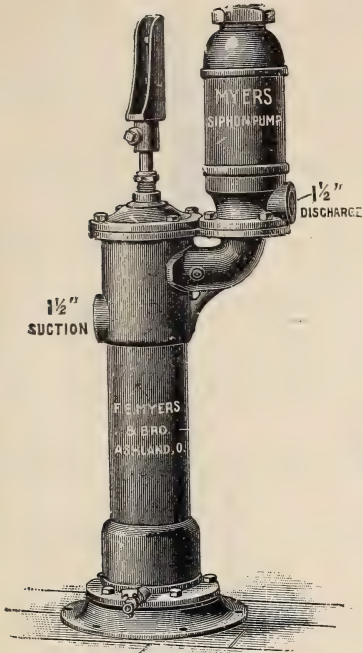
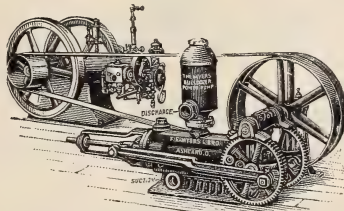


Fig. 695, Siphon Pump

Myers Bulldozer Power Pump



Bulldozer Pump

Fig. 959, No. 362, 3 in. Brass Lined Cylinder 5½ and 10 in. stroke—3½ x 16 in. Pulleys. Capacity 24 gallons per minute Should be run 20 to 40 revolutions per minute. Price \$75.00. Larger sizes ordered if wanted.

Myers Double Acting House Force Pump

Fig. 922, No. 251, 3 in. Brass Cylinder 1¼ in. suction pipe, siphon spout. Price, \$8.00.

Fig. 902, No. 251, 3 in. Brass Cylinder 1¼ in. suction pipe, cock spout. Price, \$9.50.

Fig. 922, No. 253, 3½ in. Brass Cylinder 1¼ in. suction pipe, siphon spout. Price, \$9.00.

Fig. 902, No. 253, 3½ in. Brass Cylinder, 1¼ in. suction pipe, cock spout. Price, \$10.50.

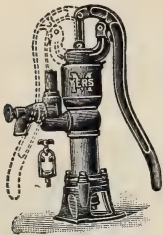


Fig. 788

Myers House Lift Pump

Fig. 964, No. 245, 3 in. Brass Cylinder, 1¼ in. suction pipe. Price, \$5.50.

Fig. 964, No. 247, 3½ in Brass Cylinder, 1½ in. suction pipe. Price, \$6.50.

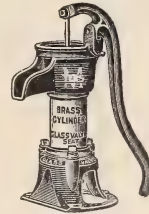


Fig. 902

Myers Brass Cylinder

Pitcher Pump

Fig. 788, No. 220, 3 in. Brass Cylinder. Price \$5.00



Fig. 513

Myers Low Down Double Acting Tank Pump

Fig. 513, No. 268. Price, \$12.00.

Prices on Myers pumps subject to discount.

Myers Combination Shallow and Well Pump

Fig. 522—No. 86—3 in. Brass Lined Cylinder, price, \$15.00.

Myers Adjustable Base Lift Pump

Fig. 792—No. 128½—3 in. Brass Lined Cylinder, price, \$8.00.

Fig. 792—No. 130½—3½ in. Brass Lined Cylinder, price, \$9.00.

Fig. 792—No. 125—3½ in. Iron Cylinder, price, \$7.00.

Myers Adjustable Base Force Pump

Fig. 827—No. 135½—3 in. Brass Lined Cylinder, price, \$9.00.

Myers Ratchet Handle Stock Lift Pump

Fig. 1170—No. R104—4 in. Brass Lined Cylinder, price, \$13.50.

Myers Ratchet Handle Lift Pump

Fig. 1108—No. R154—3½ in. Brass Lined Cylinder, price, \$9.00.

Myers Ratchet Handle Double Acting Force Pump

Fig. 1138—No. R174—3½ in. Brass Lined Cylinder, price, \$10.00.

Myers Ratchet Handle Combination Shallow or Deep Well Pump

Fig. 1109—No. R186—3 in. Brass Lined Cylinder, price, \$15.00.

Myers Ratchet Handle Branch Pipe Double Acting Force Pump

Fig. 1160—No. R16—3½ in. Brass Lined Cylinder, price, \$16.00.



Fig. 522



Fig. 1109

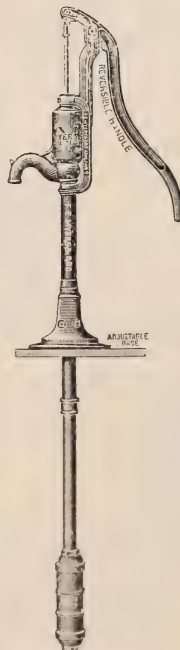


Fig. 792

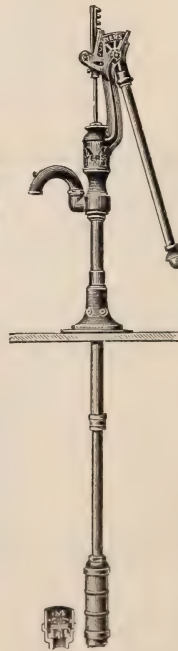


Fig. 1108



Fig. 1160

Prices on Myers Pumps subject to discount.

Myers Windmill Regulator Force Pump

Fig. 406—No. 243—2½ or 3 x 14, Brass Lower Cylinder, price, \$31.00.

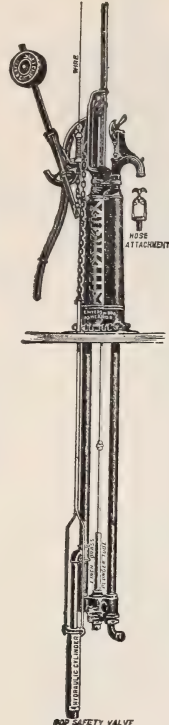


Fig. 406

Myers Imperial Single Acting Windmill Force Pump

Fig. 876—No. 236A—2½ or 3 x 14, Brass Lower Cylinder, price, \$22.00.



Fig. 867

Myers Low Down Double Acting Force Tank Pump

Fig. 513—No. 268—fitted with hose nipple, hose attachment, hose band and strainer, price, \$12.00.

Myers New Century Double Acting Force Pump

Fig. 877—No. 271—3 in. Brass Lined Cylinder, 1½ in. suction and discharge, price, \$18.00.

Myers Hydro-Pneumatic Low Down Pump

Fig. 1265—No. 286A—Price, \$16.00.

Myers Single Acting Pump

Fig. 867—No. 238A—3 in. Brass Lined Cylinder for 1 in. pipe, 3 way windmill, price, \$22.50.

Myers Siphon Windmill Pump

Fig. 695—No. 160—2½ in. Brass Lined Cylinder, price, \$16.00.

Myers Double Acting House Force Pump

Fig. 922—No. 253—3½ in. Brass Cylinder, Siphon Spout, price, \$9.00.
Fig. 1218—No. S251—3 in. Brass Lined Cylinder, price, 8.50.

Myers House Lift Pump

Fig. 1217—No. S245—3 in. Brass Lined Cylinder, price, \$7.50.

Myers Ratchet Handle Lift Pump

Fig. 1108—No. R152—3 in. Brass Lined Cylinder, price, \$8.00.

Myers Century Low Down Tank Pump

No. 286—3 in Brass Lined Cylinder, Suction and discharge topped for 1½ in. pipe, price, \$13.00.

Myers Hydro-Pneumatic Cylinders

Fig. 1234—3 in. for 2½ in. Cylinder, price, \$10.00.
Fig. 1234—3½ in. for 3½ in. Cylinder, price, \$12.00.

We carry a very complete line of repairs for all Myers House and Outdoor pumps.

Prices on Myers Pumps subject to discount.

CUCUMBER WOOD PUMPS

The very best of material is used in our wood pumps. They are superior to any made of Cottonwood and will not taint the water.

Prices.

6 ft. Plain,	\$3.00
7 ft. Plain,	3.25
8 ft. Plain,	3.50
10 ft. Plain,	4.00
6 ft. Porcelain Lined,	3.75
7 ft. Porcelain Lined,	4.00
8 ft. Porcelain Lined,	4.25
10 ft. Porcelain Lined,	4.75
12 ft. Porcelain Lined,	5.50
Tubing per ft.,	.10

All repairs for Wood Pumps.



GLOBE CHAIN PUMP

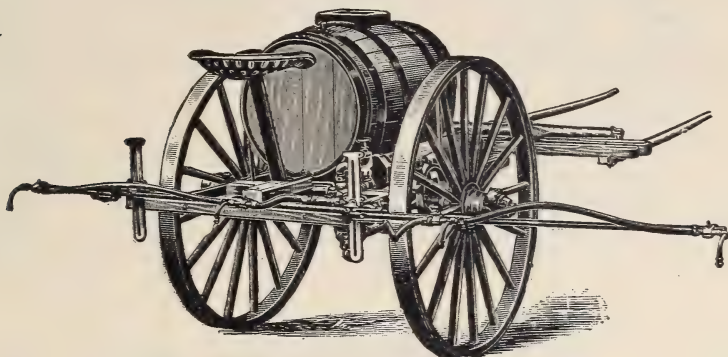
Prices.

Globe Pump Curb,	\$2.00.
Tubing per foot,	.06c.
Chains per lb.,	.05c.
Special Buckets each	\$1.00.



AUTO SPRAY No.26

Fig. 131



Auto Spray No. 26

HORSE POWER POTATO SPRAYER.

One Horse, 4 Rows, Capacity 50 Gallons. Weight packed for shipment 475 lbs.

This machine is designed to apply bordeaux and paris green to potatoes, beans, celery and onions, also for spraying copper sulphate for killing wild mustard and other weeds. Although low in price it is far superior to other machines of a similar capacity. The pump is of brass and single acting and has a capacity equal to one-half of our double acting pump furnished with the Auto Spray, No. 11. All the working parts are located on one single piece of angle steel which forms a part of the bed frame. It has Sarven Wheels 3 ft. 8 in. in diameter and tires $2\frac{1}{2}$ in. wide. The simple construction of this machine permits the development of high pressure without slipping of the wheels. The power is generated by means of an eccentric attached to the axle, and is transmitted direct to the pump without loss. The wheels are made to track 3 feet apart and the machine straddles one row.

No. 26, A. Auto Spray equipped with Shafts or Pole. Price, \$70.00.

AUTO SPRAY No. 11

Fig. 106



Auto Spray No. 11

Traction Field and Orchard Sprayer for one or two horses, Sprays 6 rows. Capacity 65 or 100 gallons as ordered. Weight, packed for shipment, 600 lbs.

This is the best traction sprayer we make, and it is equal to most extensive operations. It is built with Sarven wheels which can be made to track 3 to 6 feet as desired and straddle one or two rows. The wheels are 4 feet high with 3 inch tires. The tank is made of cypress and holds 65 or 100 gallons as ordered. The air chamber holds 10 gallons and is sufficient for limited orchard operations. The pump is double acting and the valves are exposed. All piping is of brass and the working parts are all located on one solid piece of angle steel; hence no liability of disarrangement. The driver sits directly over the nozzles and within easy control of all valves and

AUTO-SPRAY No. 11—Continued

shut-offs. We guarantee this machine to develop constant pressure of 150 lbs. on the ordinary nozzle equipment. The nozzles are capable of both horizontal and vertical adjustments. The agitator is operated directly by the wheels and is constant and sufficient. The power is generated by means of an eccentric and transmitted directly to the pump without loss, hence great power is developed without the slipping of the wheels.

The Auto-Spray No. 11, can be operated with very great satisfaction in small orchards.

No. 11 D Auto Spray, 6 Row, 65 gallon Cypress Tank; Pressure Gauge; Sarven Wheels, 48 inches in diameter, with 16-1½ in. Spokes and 3 in. Tires; Axles 1½ in. in diameter. Tracks 6 ft. Price, \$110.00.

No. 11 F Auto Spray. Similar to above but has 100 gallon Cypress Tank. Price \$130.00.

AUTO-SPRAY No. 29

Fig. 196



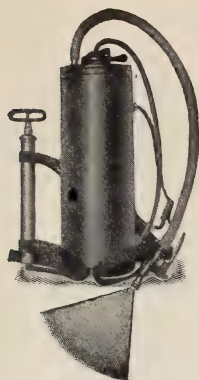
**Combination Field and Orchard
Sprayer. Two Horses. Capa-
city 100 gallons. Weight
800 lbs.**

The Auto-Spray No. 29, was designed for the most efficient work in both orchard and field. It has double equipment and 30 gallon air chamber. This sprayer will develop pressure at the rate of 2 lbs. for every foot of travel and will deliver approximately 3 gallons of solution at one stand with a pressure above 100 lbs. With the pressure at 100 lbs. it will be advanced to 160 lbs. by driving 30 feet between two trees. The solution tank holds 100 gallons, and the wheels are made to track 3 feet and straddle one row of potatoes. On ground that is hilly this machine may be fitted with a long axle, so the wheels will track far enough apart to prevent tipping over. The tower is used for orchard work exclusively and can be removed for field work. Fig. 196 shows our latest potato nozzle frame, made entirely of brass. The illustration shows the frame in position for driving to and from the field of operation, and in this position the machine may also be used for vineyard work.

Auto-Spray No. 29

The agitator is so arranged that it may be operated by either hand or wheel power as desired. All of the desirable features shown in our traction machinery have been embodied in this combination machine.

No. 29, with 4 foot Sarven Wheels, 5 foot tread Pressure Gauge, Brass Piping, complete with 2 to 20 ft. Bamboo Extensions for Orchard work, and 6 row attachments, with nozzles for potatoes. Price, \$185.00.



Auto-Spray No. 30

Auto-Spray No. 30 is similar to the Auto-Spray No. 1 except that the pump is detached and is separately mounted on the operator. This permits the operator to pump air into the solution tank at will, hence a high pressure is constantly maintained. It is also a convenient machine because the tank can be instantly detached from the pump and refilled. Where the work required is extensive we strongly recommend this style of machine. The reservoir is made of heavy galvanized steel or brass as ordered, and the machine may be equipped with any style of Auto-Pop or stop-cock as desired, and ordered.

Price,

\$7.50

Auto-Spray No. 30.

Myers Improved Brass Barrel Spray Pump

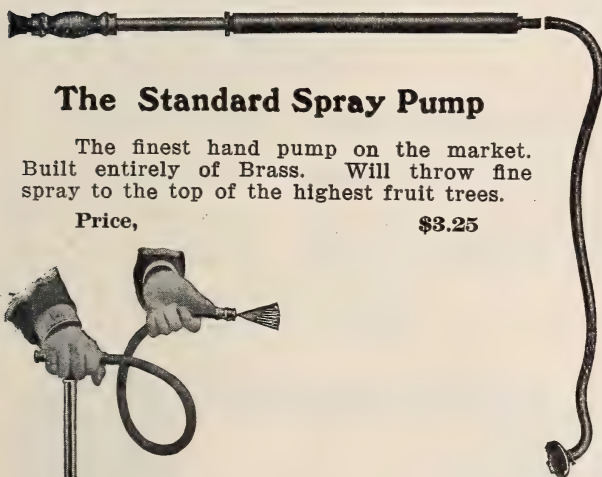
Fig. 1198

No. 305.

Cylinder, Valves, Valve Seats and discharge all Brass. All working parts submerged in liquid hence no priming necessary. Has 5 ft. of $\frac{1}{2}$ in. discharge Hose and Vermorel Nozzle.

Price,

\$7.25



The Standard Spray Pump

The finest hand pump on the market. Built entirely of Brass. Will throw fine spray to the top of the highest fruit trees.

Price,

\$3.25

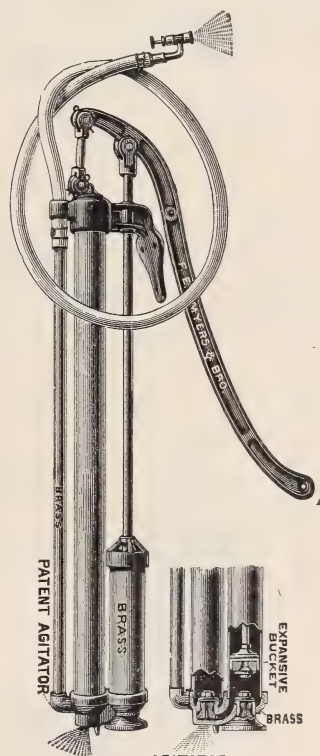
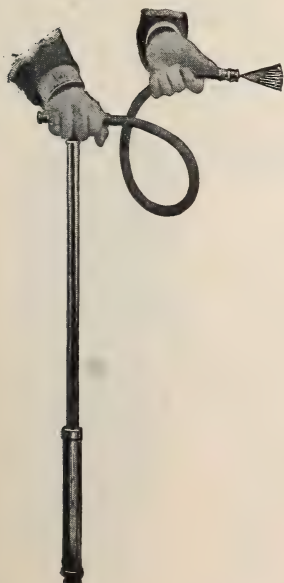


Fig. 1198

No. 5 Junior Hand Pump

We do away entirely with the objectionable foot-rest, clamps, leather suction, packing, etc., etc.

This Pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself, the upward stroke being made by a brass spring forcing the cylinder apart.

Price,

\$2.75

MYERS POTATO SPRAYER



The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer was gotten up to meet the demand for a practical and efficient sprayer at a low price. The power sprayers that have been put on the market during the last few seasons have proved very unsatisfactory, and at a price that is much more than the average farmer is willing to pay.

This sprayer can be readily adjusted to rows any width apart, the liquid is conducted from the pump by two lines of rubber hose, making the pressure on the nozzles uniform, thereby insuring a perfect spray from all the nozzles at once.

This sprayer is fitted throughout with brass connections, and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

Myers Four Row Sprayer,

Price, \$17.00



Fig. 547. Myers Knapsack Spray Pump

The Myers Knapsack Spray Pump

With Patent Agitator, For Orchard, Vineyard or General Use.

A convenient outfit with which from four to six acres of vines can be covered in one day.

No. 330 Galvanized Tank, price, \$7.00

No. 331 Copper Tank, price, \$11.25

Brass Auto Sprayer

Convenient, Durable, Efficient. Useful with Bordeaux and all solutions, also in applying cold water paint and whitewash. A practical machine for Potatoes, Tobacco, Small Fruits, Vineyards, Poultry Houses, etc. Brass Extension Pipes, Torches, and Auto Pop Nozzles furnished as extras if wanted.

PRICES.

No. 1A with Stop Cock Nozzle,
No. 1B with Auto Pop Nozzle,
2 ft. Brass Extension Pipe, each,
Brass Strainers,

\$6.00
7.00
.40
.85



Auto Spray No. 1B.



Myers Perfect Double Acting Spray Pump

Fig. 655 No. 312.

Has Brass Upper and Brass Lined Lower Cylinders, All Brass Plunger, Brass Check Valve, Brass Valve Seat, 1 inch suction Pipe, Strainer, Two Leads $\frac{1}{2}$ in. 3 ply discharge Hose each 5 ft. long, 2 Vermorel Nozzels, and Mechanical Agitator.

Price, \$12.00

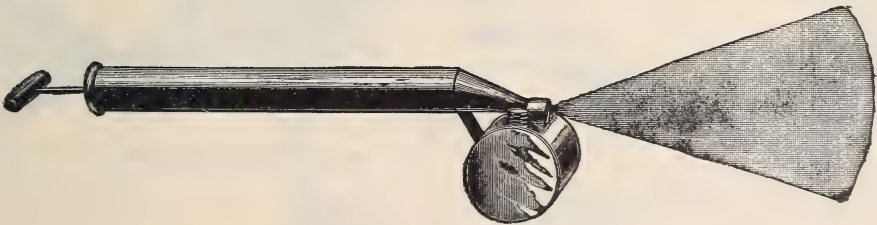
No. 311.

Same as No. 312 but with 1 Lead $\frac{1}{2}$ in. hose and dasher agitator.

Price, \$9.50

Barrel Spray Pump Fig. 655

THE FAULTLESS SPRAYER

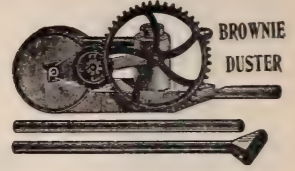


Made in Galvanized Iron and Tin. Throws a spray as fine as mist.

Kills, Drives Away and Exterminates Every Living Thing
Obnoxious to Yourself, Your Animals or Your Crops.
Is Adapted for the Destroying of every Kind of Insect.

No. 1 Faultless Sprayer, all Tin,	Price,	\$.40
No. 4 Faultless Sprayer, Galvanized Can, Tin Pump,	Price,	.50

DRY POWDER DUSTERS



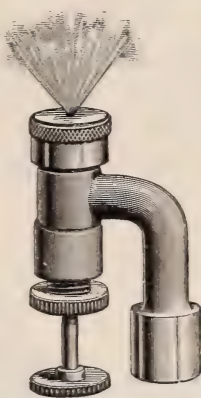
Little Giant Dry Powder Duster

Machine weighs 6 pounds. Furnished with three tubes, five nozzles, and strap. Distributes any dry powder, Paris Green, etc. Dusts two rows at a time. Reservoir holds nearly a quart of powder. Price, \$5.50

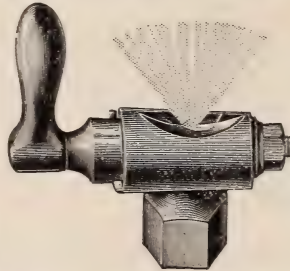
Brownie Dry Powder Duster

Machine weighs 3½ pounds, has two 16 inch tubes, and one spread nozzle. In other respects similar to the Little Giant. Price, \$4.00

Spray Nozzles and Fittings



Vermorel Nozzle, Price \$.80



Bordeaux Nozzle, Price \$.80



Brass Y, Price \$.80



Fig. 480.
Extension Pipe.
8 ft., Price .60



Auto Pop Nozzle.
No. 1, \$1.00



Kant Klog Nozzle,

\$1.50

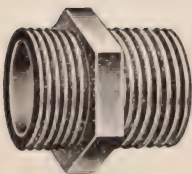


Fig. 540.
Brass Hose Nipples
¾ in., Price .25



Fig. 1091.
Female End ¼
& ½ in., Price .25



Fig. 549.
Male End ¼ &
½ in., Price .25

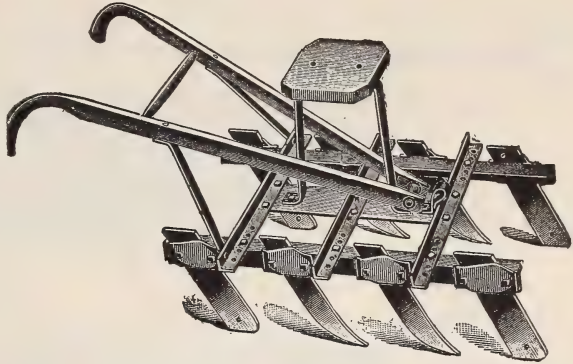


Fig. 772.
Hose Reducer for ½
& ¼ in., Price .25

Wm. T. Wood & Co.'s Ice Tools

Wood's Twin Cut Ice Plow

This plow is designed to meet the demand for a cheap and efficient ice cutter for farmers and dairy men. It will cut from 20 to 40 tons an hour cutting the ice blocks of uniform size which saves much labor in packing. price, \$15.00.



No. 409 Wood's Hand Plow



Useful in marking first line on Ice Feld, price, \$16.50.

Dairymen's Ice King Plows

No. 320—8 in., 5 cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide, price, \$28.00.

No. 321—10 in., 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide, price, \$33.00

No. 540 Boston Ice Tong

13	in.	price, \$1.25
14 1/2	"	" 1.35
16 1/2	"	" 1.45
24	"	" 1.60
26	"	" 1.70

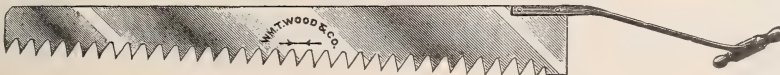


No. 604 Boston Ice Axes, price, \$1.67.

No. 652 D. Handle 4 Point Shaver, price, \$2.25.

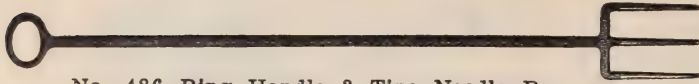


No. 667 D. Handle 3 Tine Breaker, price, \$3.50.



No. 421—4 1/2	ft.	Saw with Case, price,	\$5.25
No. 422—5	"	" " " " " "	5.50
No. 426—4 1/2	"	" without " " "	4.75
No. 427—5	"	" " " " " "	5.00

ICE TOOLS



No. 486 Ring Handle 3 Tine Needle Bar.
Price, \$4.50 each.



No. 443 Ring Handle Splitting Fork.
Price, \$4.50 each.



No. 476. Ring Handle Splitting Chisel.
Price, \$2.50 each.



No. 465. Starting Chisel. Regular Pattern.
Price, \$3.50 each.



No. 458. Bar Chisel.
Price, \$3.50 each.



No. 500. Line Marker. Price \$.90

Ice Hooks				Ice Hook Handles				Common Tongs		
3	ft.,	price,	\$.75	3	ft.,	price,	\$.10	14	in.,	price, \$.70
3 1/2	"	"	.75	3 1/2	"	"	.10	17	"	" .80
4	"	"	.78	4	"	"	.15	20	"	" .90
5	"	"	.83	5	"	"	.15	24	"	" 1.00
6	"	"	.87	6	"	"	.20	26	"	" 1.10
7	"	"	.92	7	"	"	.20	Family Ice Tongs Tinned		
8	"	"	1.00	8	"	"	.25			
								Price,	\$.20	

A very complete line of Ice Tools, cheaper in prices than Woods.

Plow Ropes—Grapples—Hoisting Tongs—Ice Augurs—Scoop Nets etc.
Any Wood's Ice Tools not carried in stock can be furnished at short notice.

Saws

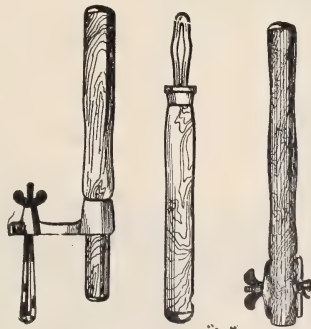
Simond's Celebrated Saws



Wood Saw Webs, Wood
Saw Rods, Cross Cut Saws,
Any Style Tooth, Cross Cut
Saw Handles, Crescent Saw
Tools.

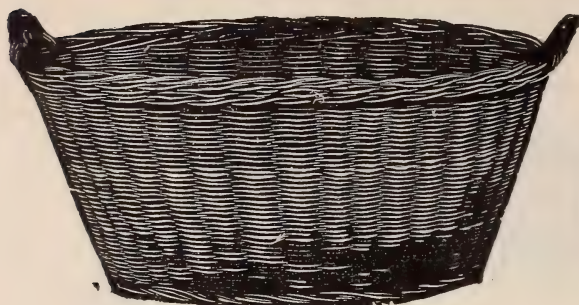
Crescent Ground Felling and Cross Cut Saws

Circular Saws, Framed
Wood Saws, Ice Saws, One
Man Saws, Hand Saws, Prun-
ing Saws.

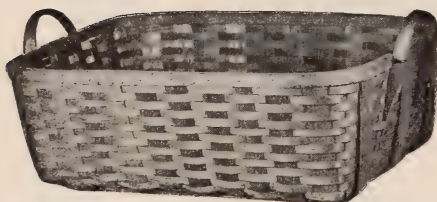


Send for descriptive circular and prices.

Baskets

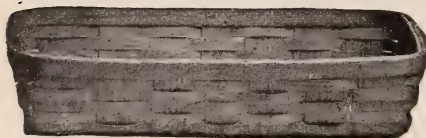


Oval Willow Clothes Basket.



Ash Oblong Clothes Basket.

Loop or Hole Handles.
Small, \$.75; Medium, \$.90;
Large, \$1.10.



Grocer's Counter Baskets.

No. 1. \$.30; No. 2. \$.25; No. 3. \$.20.



Ash Lunch Baskets.

No. 1—23x13x11,	\$.70
No. 2—21x12x9,	.60
No. 3—18x10 1/2 x8 1/2,	.50
No. 4—15x9x8,	.45
No. 5—14x9x7 1/2,	.40
No. 6—13x8x6 1/2,	.35
No. 7—12x7x6,	.30

Oval Willow Clothes Baskets

Small,	price,	\$.65
Medium,	"	.75
Large,	"	.85
Extra Large,	"	1.10



Round Oak Clothes Basket,
Price, \$.30



Barrel Display Basket.
Price, \$.35



Ash or Oak, Strapped Market
Baskets, Hole or Bail Handle.

No. 1, \$.40; No. 2, \$.35;
No. 3, \$.30.

Picking Baskets with Drop Bail.

1/2 bushel,	\$.30 and \$.35
1/4 " "	\$.25



Picking Baskets.

Oak Baskets, Round, Strapped and Nailed Rim.



No. 1—1 Bu.	\$.55 each.
No. 1—2 "	.85 "
No. 2—1 "	.45 "
No. 2—2 "	.75 "
No. 3—1 "	.45 "

Oxford Baskets.

¼ Bu.	\$.25 each.
½ "	.35 "
1 "	.50 "
1 ¼ "	.55 "
1 ½ "	.65 "
2 "	.85 "
3 "	1.25 "
4 "	1.50 "



Oxford Grocer Baskets.

1 Peck,	.25 each.
½ Bu.	.30 each.

Open End Wood Baskets.

Cedar, Ash, Reed and Willow.

Prices, \$.60 to \$3.00.

Laundry Baskets.



4 Bu.	\$1.85 each.
-------	--------------

Ash Hampers Covered.

No. 1—21x21x29	\$2.25 each.
No. 2—17 ½ x17 ½ x26	2.50 each.

Office Baskets.

Reed, Grass and Willow

Close and Open Weave.

Prices, .50 to \$2.00 each.

Pansy Baskets.

Laundry Baskets.

Reed and Willow.

Prices, \$1.75 to \$3.25.

Lane's Canvas Wood and Coal Baskets.

Cat and Dog Baskets.

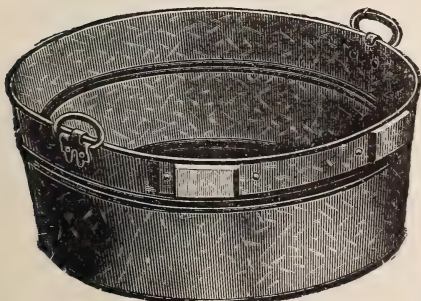
16 inch,	\$1.75 each.
18 inch,	2.00 each.
20 inch,	2.25 each.

Corn Packers' Baskets.

Price, \$.65

Galvanized and Tin Ware

Galvanized Wash Tubs.



No. 11—20 1-2x17 3-4x10 1-2, Price, \$.75

No. 22—22 3-4x19 1-2x11	Price, \$.80
No. 33—24 1-2x21x11	Price, \$.90

1 Bushel Galvanized Utility Baskets.



Price, \$.65 each.

Galvanized Oil Cans.



3	Gal. Columbia,	price	\$.65
5	" "	"	.75
5	" Monarch,	"	.80
5	" Climax,	"	.90
5	" Diamond,	"	.85
5	" Home Rule,	"	1.10
5	" Household,	"	1.25
1	" Polo,	"	.25
2	" "	"	.30
1	" Crystal Valve,	"	.35



The improved Perfection Oil Tanks are made with galvanized top and kalamined bodies which makes them last longer and less liable to rust than if they were all galvanized. These give a steady stream and have detachable pump and are made in three sizes.

30 gallon capacity,	price each, \$ 6.00
60 gallon capacity,	price each, 7.00
106 gallon capacity,	price each, 12.00

Packed with set of 3 measures and one funnel.

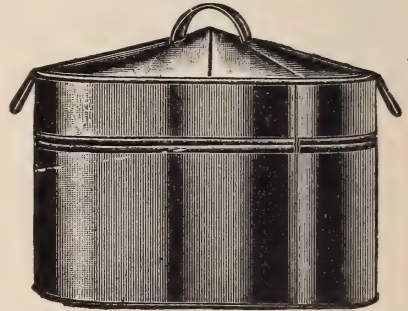
Galvanized Garbage Cans with Cover.



Price,

\$.90

Wash Boilers.



No. 8, 1x Tin Bottom,	\$.90
No. 9, 1x Tin Bottom,	1.00
No. 8, 1x Copper,	1.30
No. 9, 1x Copper,	1.40
No. 8, 14 Oz. all Copper,	3.25
No. 9, 14 Oz. all Copper,	3.50

Galvanized Chamber Pail.



No. 3 1-2,

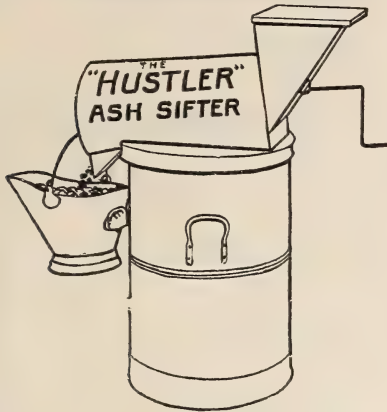
Price, \$.45

Galvanized Coal Hods.



No. 616, Price \$30.	No. 617, Price \$35.
No. 618, Price \$40.	

The Hustler Rotary Ash Sifter.
Sifts the Coal Clean without Dirt or Dust.



Price No. 1 Fits 18 in. Can or Flour Barrel, \$4.50
Price No. 2 Fits 20 in. Can or Sugar Barrel, 6.75

Dinner Pails.



No. 030, Price \$.45. No. 040, Price \$.50.

Dust Pans.



No. 4, Price \$.10.
No. 90 Steel Edge, Price \$.20.

Brooms and Brushes

Our line of Brooms is a carefully selected one, especially in the better grades.

Whisk Brooms.
10 to 35 cents each.



Ostrich and Turkey Dusters.
Ostrich, .80 to \$3.00
Turkey, .45 to 2.10

Leather Back Horse Brushes.
From 30 to 75 cents each according to quality.

Dandy Horse Brushes.

No. 0, price,	\$.15
No. 10, "	.20
No. 40, "	.25
No. 75, "	.30
New Century,	.35
Imperial,	.50

Window Brushes.

No. 50, price,	.50
No. 60, "	.60
No. 70, "	.70

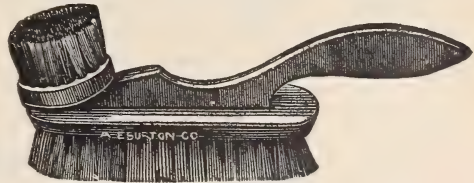
Nail and Vegetable Brushes.

No. 2 | 0, price,	.05
No. T, price,	.08
Handy House,	.10

Stove Brushes.

No. 5, price,	.20
No. 41 C, price,	.25
No. 31 B, price,	.25
No. 45, price,	.30

Shoe Brushes.



No. 106, price,	.20
No. 171, "	.20
No. 524, "	.25

Counter or Dust Brushes—Set Bristles.

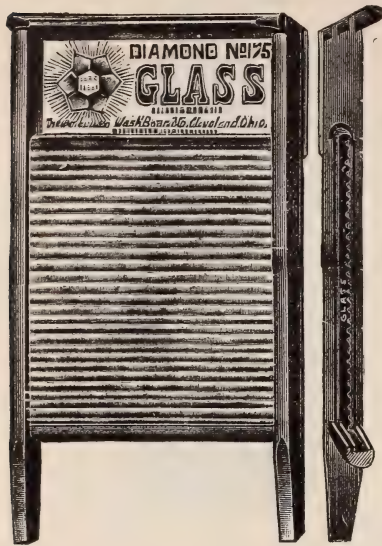
No. 2, Price,	.25
3, "	.30
4, "	.40
5, "	.50

Floor Brushes.

No. 6, Price,	\$1.00
10, "	1.25
12, "	1.50
14, "	1.75
A 16, "	2.75
A 18, "	3.00

Scrub Brushes.

No. 0 White,	\$.15
1, "	.18
80, "	.20
90 Black,	.25
70 2 Row Rice Root,	.08
77 3 Row Rice Root,	.10



Woodenware

Washboards

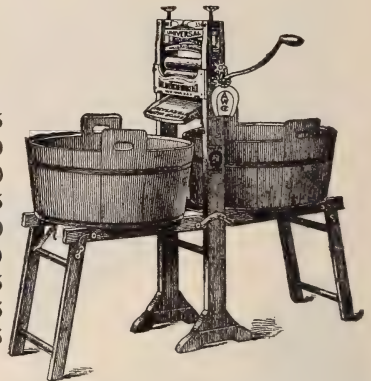
No. 126	Ruby,	\$.30
No. 100,	Northern Queen,	.35
No. 101,	Tidal Wave,	.30
No. 175,	Diamond Glass,	.40
No. 139,	Brass Crown,	.40
No. x,	Plain Crimp,	.25
No. 130,	Little Gem,	.20
No. 39,	Seal Star,	.35
No. 24,	Good Luck,	.35
No. 725,	Naiad,	.30
No. 570,	Special Star,	.30

WRINGERS.

American Wringer Company's Celebrated Horse Shoe Brand.

No. 590,	Royal, wood frame,	\$3.75
No. 541,	Royal, wood frame,	4.00
No. 380, W	Universal,	3.50
No. 381, W	"	3.75
No. B380,	" with bench,	4.50
No. 150,	Household, wood frame,	2.40
No. B150,	" with bench,	3.75
No. 100,	Daisy, iron frame,	2.15
No. 330,	Relief, iron frame,	2.75

Wringer Rolls and Repairs.



WASHING MACHINES.

THE MAJESTIC.

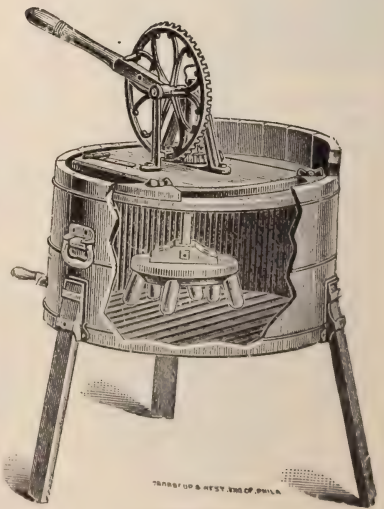
The Majestic has Roller Bearings, Virginia White Cedar Tubs, Electrically Welded Hoops. The best Washer made.
Price, \$6.25.

THE LIGHTNING.

A good first-class machine made of Virginia White Cedar.
Price, \$4.00.



Majestic.



Lightning.

OUTDOOR CLOTHES DRYERS.

Manila or Cotton Line.

No. 1, 150 ft., \$3.00; No. 2, 150 ft., \$3.00.

WASH BENCHES.

Boston, \$.75; No. 1, Paris, \$1.00.

WOOD BOWLS.

11 in.,	price,	\$.10
13 "	"	.20
15 "	"	.30
17 "	"	.45
19 "	"	.65
21 "	"	.80

PASTRY BOARDS.

16x22 each,	\$.45
18x24 "	.50

OAK BUTTER BOXES
WITH BAIL.

Large .35c; Small, .25c.

SELECTED MAPLE
CHOPPING TRAYS.

No. 0 18x10,	\$.30
No. 1 19½x10½,	.35
No. 2 21x11,	.45
No. 3 22x12,	.60
No. 4 23½x13,	.80

SKIRT BOARDS.

4 ft., each,	\$.65
4½ ft., "	.75
5 ft., "	.85

BREAD BOARDS.

19x24 each,	\$.65
22½x27 each,	.80

KRAUT AND
VEGETABLE
CUTTERS.

No. 0, Vege-	table,	\$.15
No. 200, Slaw,		.25
No. 5, Kraut,		\$1.75
14½x37 Kraut,		\$2.50

SUGAR BUCKETS,
OIL CAN COPS,SAW BUCKS,
BARREL COVERS,WELL BUCKETS,
PICKLE DIPPERS.

STEP

LADDERS.

Paris 3 to 10

ft., Price,

.30c per ft.

Gem 3 to 10

ft., Price,

.20c per ft.

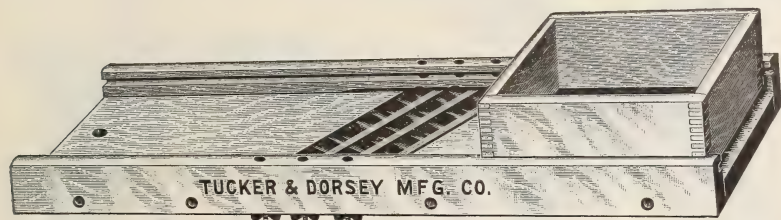
STEP

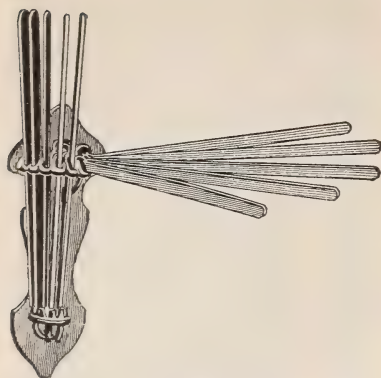
LADDER

CHAIRS.

No. 1, each,

\$1.40.





Empire Dryer.

**EMPIRE
WALL
CLOTHES
DRYER.**

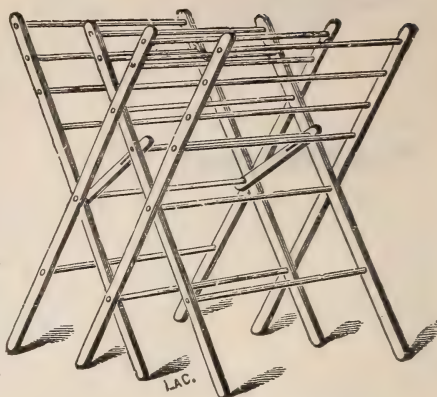
Price, .65c.

**SPRUCE
CLOTHES
HORSE.**

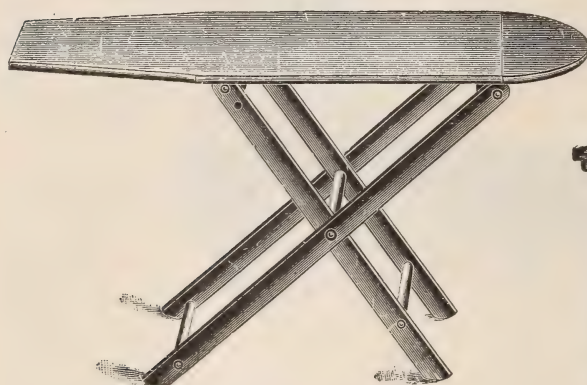
No. 3, .65c.

3 1/2, .75.

4, .85.



Clothes Horse.

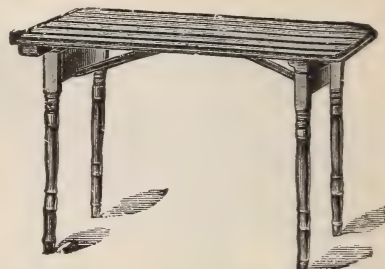


Folding Ironing Table.

FOLDING IRONING TABLE.

No. 1, 58x19, each, \$1.65

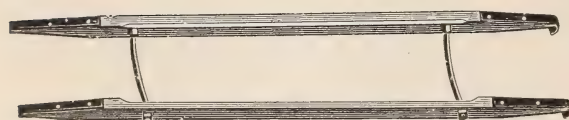
No. 2, 54x16, " 1.50



FOLDING SEWING TABLE.

No. 000, 36x19, \$1.00 each.

No. 0, 36x20, 1.65 each.



Sktds 8 ft. long, Price, \$3.25.



U. S. EXTENSION LADDERS.

20 foot,	each,	\$ 4.00
24 "	"	5.50
28 "	"	7.00
32 "	"	8.00
36 "	"	9.00
40 "	"	10.00

COMMON LADDERS.

10 to 18 ft., per ft., \$.15

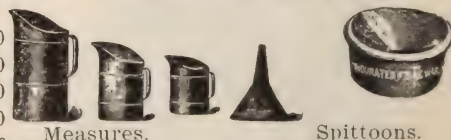
A Full Line of Fiber Ware.

FOLDING CARD TABLES.

No. 21, 24x24, \$2.10 each.

No. 23, 27x27, 2.50 each.

INDURATED FIBER WARE.



Measures.

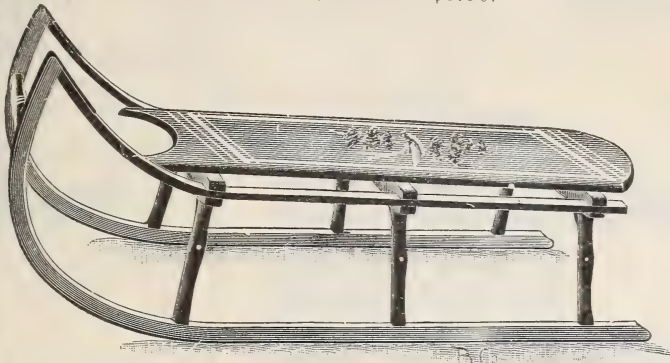
Spittoons.



Tub.

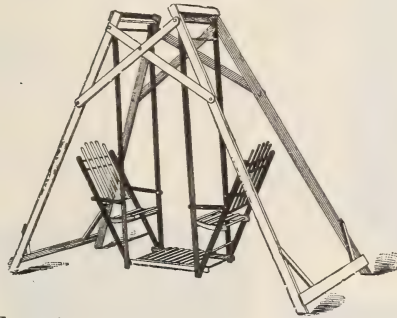


Skis, all prices, \$1.50 to \$5.00.



Paris Manufacturing Company's Sleds,
Frame and Clipper.

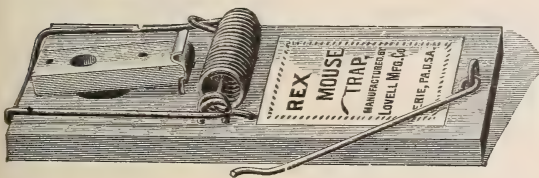
LAWN SWINGS.



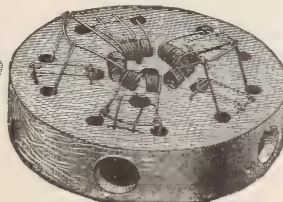
- | | | | |
|--------|---|------|--------|
| No. 6, | Favorite, Two passengers, | each | \$3.50 |
| No. 2, | Fairfield, Two passengers, | each | 4.25 |
| No. 5, | Fairfield, Four passengers, | each | 5.25 |
| No. 2, | Paris Manufacturing Co.'s Two
passenger cars, | each | 6.75 |
| No. 3, | Paris Manufacturing Co.'s Four
passenger cars, | each | 9.50 |

MOUSE TRAPS.

- | | |
|------------------------------|---------------------------|
| French Pattern, price, .25c. | Rex, price, .05c. |
| 5 Hole Tin, price, .10c. | 5 Hole Wood, price, .10c. |



Rex Mouse Trap.



5 Hole Mouse Trap.



Hitching
Posts.

Toboggans in
Many Styles.



Erie Rat Trap.

RAT TRAPS.

French Pattern, .40c.
Erie, .20c. Rex, .20c.

MOP STICKS.

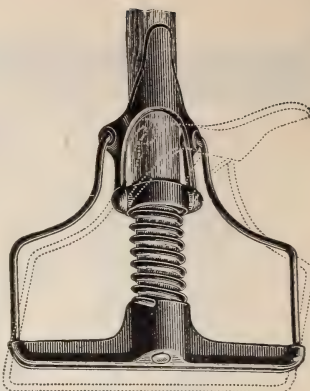
No. 7 Ideal, .10c. No. 8 Ideal, .10c.
No. 4 Trojan, .10c.

WOOD FAUCETS.

6 in. Leather Lined, .05c.
7 " " " .06c.
8 " " " .08c.
10 " " " .10c.
8 " Metal Key, .25c.
10 " " " .30c.



Faucet.



Ideal Mop Stick.

Stoneware**MEAT TUBS.**

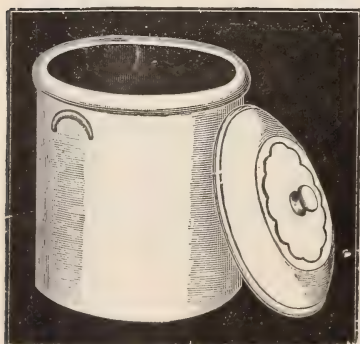
8 Gallons each,	\$1.00
10 " "	1.25
15 " "	1.85
20 " "	2.50
25 " "	3.00
30 " "	3.75
35 " "	4.50
40 " "	5.25
50 " "	6.50



Meat Tub.

**BEAN POTS.**

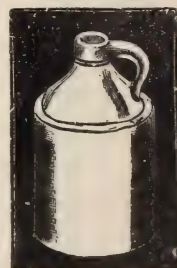
1 Quart,	\$.10
2 " "	.15
3 " "	.20
4 " "	.25
6 " "	.30
8 " "	.35

**HIGH BUTTER JARS AND COVERS.**

1 Gallon each,	\$.25
1 1/2 " "	.30
2 " "	.35
3 " "	.45
4 " "	.55
5 " "	.65
6 " "	.75

**PEERLESS ICE CREAM FREEZERS.**

Three minutes is the freezing time. Patented stationary dasher is responsible for quick freezing. Motion is necessary in the cream not in the machine. Cream gets more motion in the Peerless Iceland than in any other freezer. All Sizes.

**JUGS.**

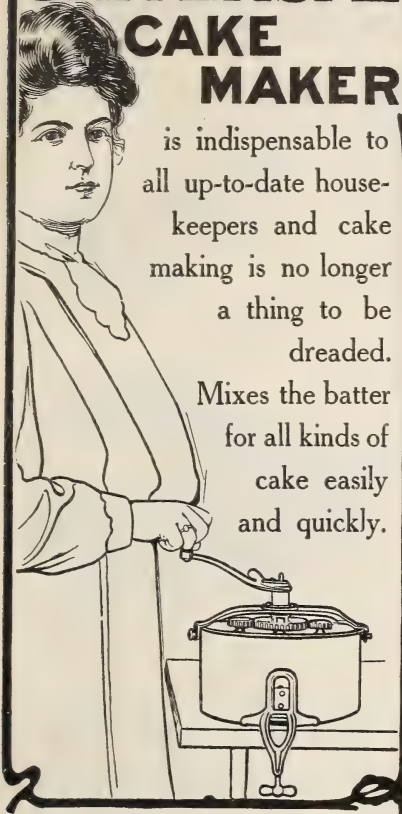
1/2 Gallon,	\$.15
3 " "	.20
1 " "	.35
1 " "	.45
2 " "	.60
5 " "	.75

1 Quart,	each,	\$1.50
2 " "	" "	2.00
3 " "	" "	2.25
4 " "	" "	2.50
6 " "	" "	3.25
8 " "	" "	4.25
10 " "	" "	5.25
12 " "	" "	6.50

THE UNIVERSAL CAKE MAKER

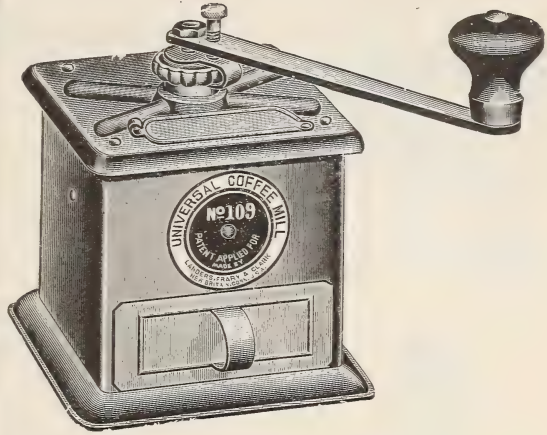
is indispensable to
all up-to-date house-
keepers and cake
making is no longer
a thing to be
dreaded.

Mixes the batter
for all kinds of
cake easily
and quickly.



Universal Cake Maker, price \$1.75.

Miscellaneous



UNIVERSAL STEEL HAND COFFEE MILLS.

Black Enamel Finish, Hand-
somerly ornamented, patent ad-
justing device. Grinds as fine or
coarse as wanted. Grinders war-
ranted equal to steel.

No. 109, Height 6 in., .60c.

No. 110. " 8 1/2 in., .80c.



EGG BEATERS.

No. 5,	Holt's Price,	.10c.
No. A.	" "	.15c.
No. B.	" "	.25c.
Lyons	" "	.20c.

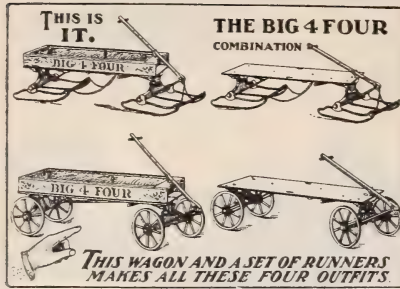
THE UNIVERSAL BREAD MAKER.

Three minutes in this easy and pleasant way.
Twenty to thirty minutes by the old way. The
hands do not touch the dough, which is mixed
and kneaded thoroughly in three minutes by
this machine.

Price No. 8,	2.00
Price No. 4,	\$1.50

UNIVERSAL FOOD CHOPPER.

No. 0.	Chops 1 1/2 lbs. per minute,	\$.75
No. 1.	" 2 " " "	1.00
No. 2.	" 2 1/2 " " "	1.20
No. 3.	" 3 " " "	1.50
No. 304.	" 4 " " "	3.50
No. 344.	" 4 " " "	5.50

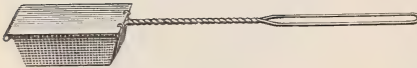
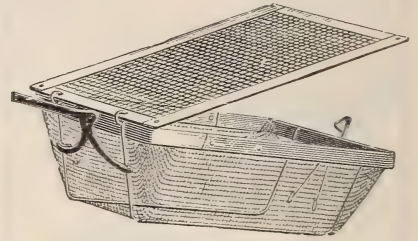


THE WHITE WAGON CO.'S COMBINED COASTING WAGONS AND SLEIGHS.

No. 1,	Pony,	11x30,	\$1.75
No. 2,	Teddy,	14 1/4x36,	3.50
No. 3,	Coaster Express,	14 1/4x36,	4.25
No. 5,	Coaster Express,	16 1/4x36,	5.00
No. 8,	Teddy U. T. D.,	18 1/2x38,	6.00
	Big 4,	18 1/2x44,	6.75

COMMON CORN POPPERS.

1	quart,	.10c.	1 1/2	quart,	.15c.
2	"	.18c.	4	"	.30c.



SHERWOOD CORN POPPERS.

2 quart, Price, 50c.



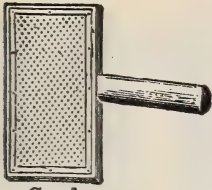
CAN OPENERS.

King,	each	\$.10
Never slip,	each	.10
No. 17,	each	.05

PEERLESS ICE CHIPPER.

Ice in a freezer should be chipped fine and uniformly, so that it will mix well with the salt as this insures the best packing. The Peerless Ice Chipper is the best tool for the purpose. Price, .35c.

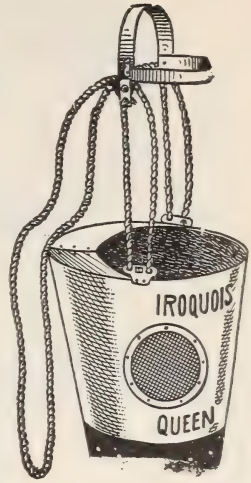




Card

Feed Bags

Mustang, each \$.55
 Iroquois Warrior,
 each, \$.70
 Iroquois King, each
 \$.80
 Iroquois Queen, ea.
 \$.90



Cattle Cards

No. 04. Leather
 Board, \$.05
 No. 4. All Leather,
 \$.07
 No. 3. Leather
 Bound, \$.08
 No. 2. Wool, .08



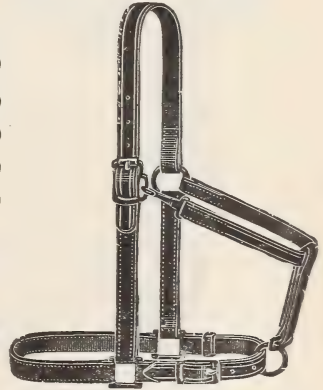
Hunter Curry Comb

Curry Combs

No. 5. Hunter's \$.20
 No. 550. 6 bars, close
 back, \$.15
 No. 500. 6 bars, open
 back, \$.10
 No. 234. 8 bars, single
 back, \$.20
 Reform, \$.20

Leather Halters

No. 789. russet, \$.80
 No. 789, black, .80
 No. 1. 5 ring russet, .60
 No. 693. web, .20
 No. 1. web fawn, .40



Corner Feed Manger

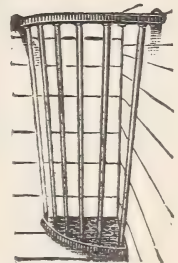
No. 2—17 x 17—\$1.35.
 No. 1—17 x 17—\$1.25.



Rope Halters

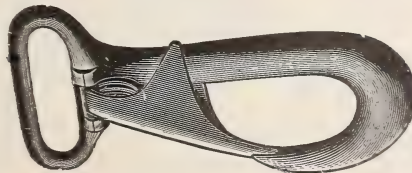
No. 141. 1 Snap Jute,
 No. 132. 2 Snap Jute,
 No. 161. 1 Snap Sisal,
 No. 162. 2 Snap Sisal,

\$.15
 .20
 .20
 .25



Stable Rack

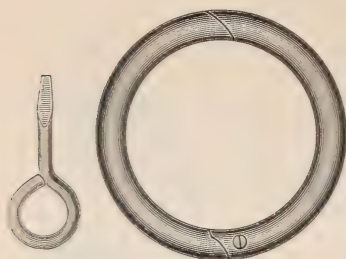
Price, \$1.75.



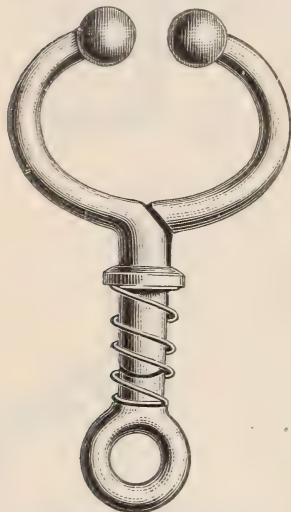
Imperial Harness Snaps

These snaps are made for use where strength is necessary. They are more than twice the weight of ordinary snaps having same size loops. Imitation Rubber or Tinned finish at same price.

3-4 in., each 5c. 1 in., each 5c. 1 1-2 in., each 10c. 2 in. each 12c.
 7-8 in., each 5c. 1 1-4 in., each 8c. 1 3-4 in., each 10c. 3-4 in. swivel 8c.
 3-4 in., Round Eye, 5c. 1 in., Round Eye, 8c. Light Open Eye, 5c. Heavy Open Eye, 10c.

**Bull Rings**

No. 21 2½ in. Copper	\$.25
No. 11 2½ in. Steel	.15

**Cattle Leads**

No. 52 each \$.10

**Ox Balls**

No. 11 each	\$.05
No. 12 "	.06
No. 13 "	.07
No. 14 "	.08

**Kentucky Cow Bells**

No. 0	-	7 in.	\$.40
No. 1	-	6½ in.	.35
No. 2	-	5¼ in.	.30
No. 3	-	4½ in.	.25
No. 4	-	4 in.	.20
No. 5	-	3½ in.	.15

Cow Chains

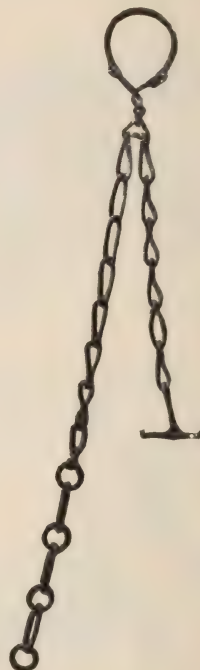
2½ ft. Open Ring	\$.20
3 " " "	.20
3½ " " "	.25
4 " " "	.30
4½ " " "	.35

Trace Chains

6½ ft. Straight Link with Hooks	-	\$.50
Half Trace	-	.35

Stake Chains

6½ ft. with Ring	\$.60
------------------	--------



Cow Chain

Eureka Wagon Jack

Weight 7 lbs. Capacity, 1 to 2 tons.
Constructed of Steel and Malleable Iron.

There is not a Bolt, Screw or Rivet used in its construction. Has double acting dogs, what one raises the other holds.

Eureka Wagon Jacks 16 inches high,	Price \$1.25
No. 1 Eureka Auto Lifting Jack 12 in. high,	" 1.25
Eureka Trolley Lifting Jacks, Extra Heavy	" 3.00

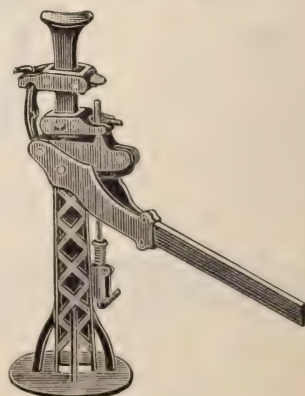


Lane Jack

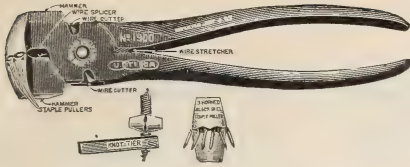
Lane's Patent Wagon Jack

Strong, Light, Compact. No Wood, No Metal, Double Lift Bar, Powerful Compound Levers

No.	To Lift	Range of Adjustment	Price
1	900 lbs.	15 to 24 in.	\$1.00
2	1,800 lbs.	17 to 26 in.	1.50
3	4,000 lbs.	15½ to 26 in.	3.00



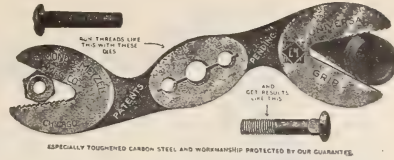
Eureka Jack



No. 1900 Russell Staple Pulling Pliers

Drives Staples. Pulls Staples, Cuts Wire, Splices Wire, Stretches Wire, Straightens Wire.

Price, \$.90



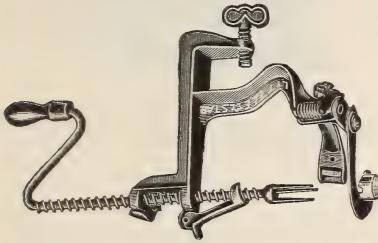
Universal Grip Wrench

A Wrench and Thread Cutter.

Frosted Nickle, Non-Rusting.

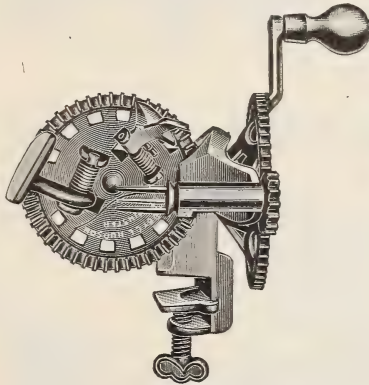
This tool has more uses than any wrench on the market. A necessity on the farm, in ever shop and household.

Price, \$.50, by mail, \$.60



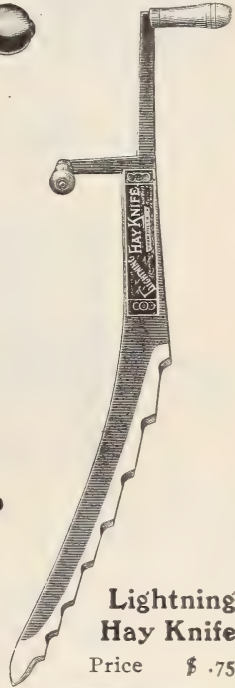
Little Star Apple Parer

Price, \$.50



Rocking Table Apple Parer

Price \$.60



Lightning Hay Knife

Price \$.75



Mower Oilers

No. 210 Straight Spout	\$.10
No. 210 Bent Spout	.10
No. 206 Flat	.10
No. 13 Steel	
Coppered	.20



Oak Measure

Best varnished and sealed half 8 in. bushels, iron bound. \$2.00

Nests	\$1.40
Half bushels	.70
Pecks	.35
Four quarts	.25
Two quarts	.15
One quart	.10



Iwan's Post Hole Auger

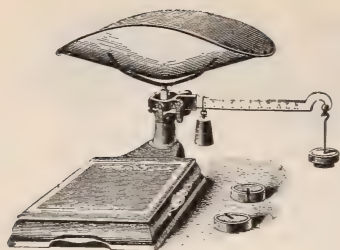
Nothing to equal it

\$2.00



Victor Platform Scales

A first-class scale in every way
600 lbs. Price \$9.00



Union Counter Scales

Ornamented, with tin scoop

$\frac{1}{2}$ oz. to 240 lbs.

No. 210 Price \$3.25

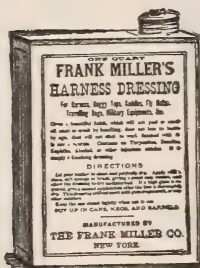
Even Balance Tea Scales

Plain Japanned, to weigh 4 lbs.

No. 161 with weights \$1.00



Frank Miller's Harness Preparations



Harness Dressing

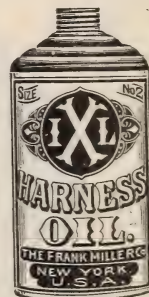
Pint cans \$.35

Quart cans .50

I. X. L. Harness Oil

Pint cans \$.25

Quart cans .35



Harness Composition

1 lb. small \$.25

2 lb. medium .50

Axle Grease

Frazer's small tin boxes \$.10

Frazer's $\frac{3}{4}$ lb. tin pails .25



Crowbars.



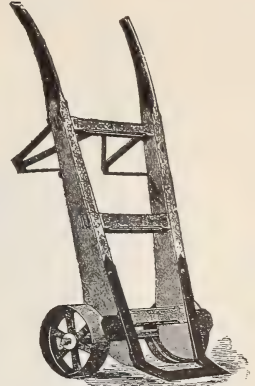
12 to 18 lbs.,
price per lb., .05c.

Pick Matlock.



Price, .60c.

Warehouse Trucks.



One Half and Full
Ironed. Bag Trucks.
Barrel Trucks. Prices
from \$1.75 to \$5.50.

Short Cutter Matlock.



Price, .60c.

Long Cutter Matlock.



Price, .60c.

Contractors Pick.



Price, .65c.

Railroad Pick.

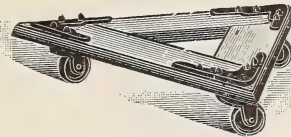


Price, .50c.



AXES.

Geo. B. Has-
kell Co. and
Mountaineer
Brands, in
Maine, Half
Wedge, and dou-
ble Bit Patterns.



Grocer's Triangular Truck.

Price, \$1.75.



Eureka Barrel
Truck.

Price, \$1.50.



Heavy Barrel Trucks.

No. 1, \$3.00. No. 4, \$3.75.

Grub Hoe.



Price, .50c.

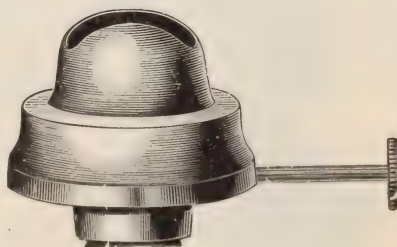


C. T. HAM MFG. CO.'S LANTERNS.

No. 0, Clipper,	Price, \$.50
No. 2, Clipper,	" .70
No. 2, Cold Blast,	" .90
No. 15, Dash Board,	" .75
No. 17, Cold Blast Dash Board,	" 1.15
No. 20, Search Light,	" 1.75
No. 40, Search Light,	" 4.00
Diamond Driving,	" 2.25
No. 9, Street,	" 4.25



Lamp Chimneys,
all makes
and styles.



LAMP AND LANTERN
BURNERS.
All Styles.



THE WHITE PERFECTION MOP WRINGER.

It is the most practical
wringer made and will last
from two to four times as long
as any mop wringer made.

No. 1, Hotel Size,	\$1.75
No. 2, Family Size,	1.25



COMMON AND COLD
BLAST LANTERN
GLOBES.

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